



Digitized by the Internet Archive
in 2014

<https://archive.org/details/b19974760M3122>



The CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 2993
VOL. CXXVI

JUNE 19, 1937

Annual Subscription (with
Diary) 20/- Single Copies 9d.

AMAZING FREE OFFER
to the public which nets you
64½% PROFIT on FEEN-A-MINT

Monday, June 28, will see the launching of the greatest and most intensive sales promotion campaign in the history of FEEN-A-MINT.

Its objects are two-fold:

1. To create an unprecedented increase in the sales of what is already a very popular and profitable line.
2. To provide you—without cost or effort on your part—with a ready-made market in FEEN-A-MINT'S spectacular companion product—ASPERGUM, the pleasant and easy-to-take form of aspirin, which has already received high endorsement by medical opinion throughout the country.

So this campaign will not merely result in a tremendous increase in your FEEN-A-MINT sales. It will bring about the acceptance of ASPERGUM by thousands of the British public.

For the manufacturers of FEEN-A-MINT are going to pioneer the ASPERGUM market and hand over to you a nationally-accepted product.

Exceptionally large spaces have been taken in the Great National Dailies, the "Radio Times," etc. They will appear with rapid frequency. They will announce that here is

the opportunity for everybody to buy a 1/3 packet of FEEN-A-MINT from you and get from Whites Laboratories, Ltd., a full sized 1/- packet of ASPERGUM the new pleasant and easy-to-take form of Aspirin—FREE

This offer ends mid-July. It will be followed by sustained national advertising campaigns for both products. Now, fill in the coupon. Then, you will be all ready to profit from the increased demand for FEEN-A-MINT. And ready for the market developed for ASPERGUM with stock that hasn't cost you a penny.

**NOW TURN TO PAGE 13
AND POST COUPON NOW!**

Send
for
Terms
NOW

A
RELIABLE
PEROXIDE
with a
Worthwhile
Profit

PARKE-DAVIS
Hydrogen
Peroxide
MADE IN ENGLAND

4 FLUID OUNCES
**PARKE-DAVIS
HYDROGEN
PEROXIDE**

Contains 3% Hydrogen Peroxide
by weight, corresponding to about 10
volumes of available oxygen.

This solution is guaranteed to
meet all requirements of the
British Pharmacopoeia when it
leaves our laboratory. Ordinary
preparations of hydrogen per-
oxide may deteriorate with
age, particularly if exposed to
warmth and light. The Parke-
Davis preparation retains its
strength exceptionally well,
even under adverse conditions.

NON POISONOUS & HARMLESS

For details of uses, see other panels of
this carton, and also the label on the bottle.

PARKE, DAVIS & CO.
LONDON, W.1.

4 FLUID OUNCES
**PARKE-DAVIS
HYDROGEN
PEROXIDE**

This solution contains 3% Hydrogen Peroxide
by weight, corresponding to about
10 volumes of available oxygen.

PARKE, DAVIS & CO.
LONDON

PARKE, DAVIS & CO.
50 BEAK ST. LONDON, W.1.

JUST LOOK AT ALL THOSE PEOPLE STARING AT US!

YES... FIVE MILLION FAMILIES I SHOULD SAY!

"I'm the straight-forward kind... grand brush for a shilling!"

"I'm the short-headed kind... grand brush for a shilling!"

"In the tuft-end kind and brush... shilling!"

THE THREE BEST BRUSHES STAND UP!

THE THREE SHILLING BRUSHES

THE THREE BRISTLES STAND UP!

HALEX

get soft in a...
shape... it's waiting at the...
mule gaily coloured so you'll
bathroom.

der we're proud of our bristles—they combine
le so long! Come and choose the shape that
su. You'll find us safely sealed in transparent
pes. Distinctively coloured—so you can't forget
of us belongs to which of you.

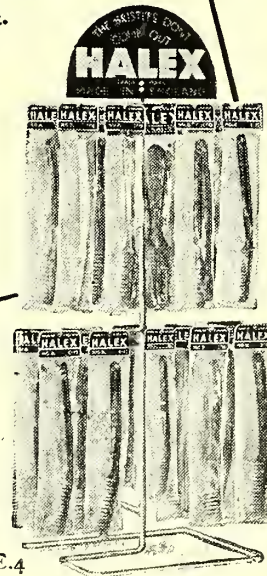
what a long time bristles
must wait until you
sealed in
t's con

People can't help looking at these Halex advertisements. The 'three best shilling brushes' simply shout their message from the page. It's an inspiration to act, to *buy*—and it strikes right home in five million homes. It's not surprising the demand for Halex brushes is growing. Lots of people are getting the benefit—are YOU? You will if you display this Halex showstand. Customers see it—it reminds them—they feel the bristles through the transparent wrapping and say "I'll take this one." It soon has the shillings on your counter.

HALEX ADVERTISEMENTS
appear regularly in papers that are read right through—then read again by the rest of the family—such papers as:

RADIO TIMES
Glasgow Bulletin
Belfast Telegraph
Everywomans
Home Chat
Home Notes
Lady
Modern Woman
Mother
Passing Show
People's Friend
Wife and Home

Woman and Home
etc.



HALEX

Regd. Trade Mark

ARE MADE IN ENGLAND

Order from your usual wholesaler or from THE BRITISH XYLONITE CO., LTD., HALE END, E.4



Retailers!

**WE
SEND YOU
TRAVELLERS
WHO
WILL *buy* FROM YOU**

SOLE DISTRIBUTORS
THOS. CHRISTY & CO.
LTD.
6-12 Old Swan Lane,
London, E.C.4

MANUFACTURED BY
**Anglo-International
Producers Ltd.,**
12-13 South Place, London,
E.C.2

Yes, we mean it, a steady stream of travellers—private travellers by sea, plane and train—eager to buy AIRSEA, the proved remedy for travel sickness. Large-space advertising is building up a big demand. The reliability of the product will ensure repeat orders. Write to the distributors for further details and particulars of attractive trade terms.



MILTON DENTURE POWDER

(cleans false teeth without scrubbing)

Special Introductory Offer

Those chemists who are cautious about buying even small parcels of a new line—even one bearing such a famous name as Milton—have had any doubts about the success of Milton Denture Powder dispelled by the prompt demand for this new product created by forceful advertising.

EXTENDED TILL JUNE 30TH

By ordering one of the following parcels you can secure a small supply of Milton Denture Powder on the equivalent of £3 terms.

OFFER No. 1—

1 doz. and 8 only 6d. tins MILTON DENTURE POWDER @ 4/6 per doz.	7/6d.
1 doz. 1/- tins MILTON DENTURE POWDER @ 9/- per doz.	9/-
4 only 6d. tins MILTON DENTURE POWDER as BONUS	—
5% cash with order.	16/6d.

OFFER No. 2—

1½ doz. 6d. tins MILTON DENTURE POWDER @ 4/6 per doz.	6/9d.
1 doz. 1/- tins MILTON DENTURE POWDER @ 9/- per doz.	9/-
½ doz. 1/9 tins MILTON DENTURE POWDER @ 15/9 per doz.	7/11d.
½ doz. 6d. tins MILTON DENTURE POWDER as BONUS	—
5% cash with order.	23/8d.

MILTON PRODUCTS NOW AVAILABLE IN MIXED £3 AND £5 PARCELS

You can now buy mixed parcels of Milton Antiseptic, Milton Denture Powder, Milton Dental Cream and Milton Ointment. Thus if your stocks of Milton require replenishing you can make up a £3 or £5 parcel of Milton with some Milton Denture Powder and if desired other Milton products as well.

BONUS ON £3 PARCELS	{ 1½ doz. 6d. Milton or 1½ doz. 6d. Milton Denture Powder
BONUS ON £5 PARCELS	{ 3 doz. 6d. Milton or 1 doz. 1/6 Milton or 3 doz. 6d. Milton Denture Powder

Carriage Paid. 2½% Ten Days

Post your order to-day to—

Milton Proprietary Ltd., John Milton House,
10-12 Brewery Road, London, N.7.

Phone: North 3021

MARSHALL'S BONUS OFFER & DISPLAY CONTEST

GENUINE



ORIGINAL

REGISTERED TRADE MARK

BOTH CLOSE on 30th JUNE

CHEMISTS' WINDOW
DISPLAY CONTEST
with CASH PRIZES:

1st PRIZE - £25

2nd " - £15

3rd " - £5

10 CONSOLATION
PRIZES of £1 EACH

A £2 BONUS PARCEL
(comprising first 3 sizes)

SHOWS YOU



48%
PROFIT
ON TURNOVER

Raw materials, particularly cresylic acid, are still rising rapidly and heavily in price. To-day, cresylic acid, which of course forms 50% of the content of Lysol, is nearly three times its price less than twelve months ago and almost four times its normal cost. Already B.P. and unbranded Lysols are advancing in price, but *there will be no advance in prices of MARSHALL'S LYSOL packed sizes.* Why then jeopardize your professional prestige by selling inferior Lysols, when MARSHALL'S *guaranteed* LYSOL is little if any more expensive and shows you a better margin of profit.

SECURE YOUR " + 2 BONUS "
AND ENTER THE CONTEST—

WRITE FOR FULL DETAILS TO-DAY

Anticipate your requirements and make *increased* profits by ordering NOW while the Bonus is available and enter the display contest—you have an equal chance of winning the cash first prize of £25.

THIS BONUS of 14 to the DOZEN on
MINIMUM £2 ORDERS COMES AT
AN OPPORTUNE TIME

when costs are rising, cheap Lysols show you less profit and Lysol sales are increasing with the arrival of Summer.

NOTE THE
CLOSING
DATE . . .

DON'T MISS
THIS GREAT
OPPORTUNITY
FOR MAKING
INCREASED
PROFITS

Bonus, prices and
contest do not
apply in I.F.S.

FEATURE YOUR STOCK OF HINDS Honey & Almond CREAM FOR **SUNBURN** AND "TIE-UP" WITH HINDS SUMMER ADVERTISING

HINDS is, of course, famous as a hand-cream to prevent Winter chapping, etc., but we are now educating women to use it *all the year round* to keep their hands beautiful, and also to prevent roughness caused by sun and Summer games and as an effective prevention and relief for SUNBURN. With this object in view, we have extended our HINDS advertising well into the Summer by means of Editorial publicity, appearing regularly over a period of three months in over 200 newspapers and Women's magazines in the form of articles by Beauty Editresses recommending HINDS for the purposes mentioned above. This advertising is meeting with success—it will pay you to "tie up" with it in order to turn-over your stock of Hinds NOW during the Summer.

A £2 PARCEL OF HINDS
GIVES YOU 40% PROFIT ON TURNOVER

Write for full details of our Direct Display Terms showing the advantage of buying direct on carriage-paid terms.

HINDS SUNBURN SHOW MATERIAL AVAILABLE

Send a postcard for Hinds *Sunburn* showcards and display screens and stands in the following sizes: 7" x 5½", 12" x 12" and 3' x 4'.

All Enquiries for
Direct Terms, etc., for
MARSHALL'S
Original LYSOL
and
HINDS Honey &
Almond CREAM
should be addressed to
LYSOL Ltd.,
RAYNES PARK,
LONDON, S.W.20

ARMY OF 'ASPRO' BROADSHEETERS ON THE MARCH!

Whole country covered continuously



Our broadsheet distributors are always on the move. 'ASPRO' broadsheets are delivered regularly into EVERY HOUSE IN EVERY TOWN OF THE BRITISH ISLES. The work is carried out thoroughly and systematically by our own well-paid employees — men who have a personal interest in seeing the job is done properly. The effect on sales is phenomenal—it's just like sowing seed—extra sales spring up wherever the 'ASPRO' broadsheeters go. You can secure the maximum amount of these sales for yourself by displaying 'ASPRO' advertising matter in your window. It gives people the vital reminder that YOU sell the product the whole town is hearing about. So display 'ASPRO' advertising continuously and reap the harvest of sales. And, remember—

'ASPRO'

NATIONAL ADVERTISING goes on ALL THE TIME

Link up with this enormous sales-producing force by giving the new 'ASPRO' Summer Display a prominent position in your windows.



Made in England by
ASPRO LIMITED, Slough, Bucks.

ASPRO
REG. TRADE MARK

Telephone: SLOUGH 638

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

No proprietary right is claimed in the method of manufacture or the formula.

INDEX TO ADVERTISERS

Anglo-International Producers, Ltd. (Travel Sickness Remedy) 2	Burrough, James, Ltd. (Alcohol for Perfumery) Leader Page	Fairy Dyes, Ltd. (Morning Pride Shav- ing Cream) 12
Annis Medical Agency (Valuers, &c.) Col. Supp.	Burroughs Wellcome & Co. ('Tabloid' Tea) 23	Fellows Medical Manfg. Co., Ltd. (Fellows Syrup) vi
Anzora Perfumery Co., Ltd. (Hair Preparations) 5	Caldicot Tin Stamping Works, Ltd. (Decorated Tins) 16	Fink, F., & Co. (Guns) 22
Armour & Co., Ltd. (Flavoured Junket) 9	Calvert, F. C., & Co., Ltd. (Dento Denture Cleanser) 20	Gaskell, Ltd. (Bertrams Denture Paste) 22
Aspro, Ltd. (Aspro) 4	Cannon Rubber Manufacturers, Ltd. (Hot Water Bottles) 15	Genatosan, Ltd. (Genasprin, &c.) vii
Association of Manufg. Chemists, Ltd. Col. Supp.	Chemist and Druggist, The Leader Page	George, Ernest J., & Co. (Valuers, &c.) Col. Supp.
Bell, John, Hills & Lucas, Ltd. (Lotil Suntan Lotion) Leader Page	Christy, T., & Co., Ltd. (Py-Shan Points Tea) 22	Graesser Salicylates, Ltd. (Salicylic Acid) iii
Benger's Foods, Ltd. (Foods) xi	Collins, Reynolds & Co., Ltd. (Toilet Preparations) 14	Grout & Co., Ltd. (Norvelast Finger Dressings) 15
Berton, Arthur, Ltd. (Surgical Dress- ings) 14	Continental Laboratories, Ltd. (Ura- lysol) iv	Hadfield, Henry, Ltd. (Bottle Boxes) ... 16
Boots Pure Drug Co., Ltd. (Medicinal Products) xii	Cox, A. H., & Co., Ltd. (C.O.B. Lines) 8	Hampson, F., Ltd. (Bottles) 18
British Drug Houses, Ltd., The (Sun Tan Lotion) Cover iv	Croda, Ltd. (Olive Oil) Leader Page	Harrison, A., & Sons, Ltd. (Labels, Cartons, &c.) 10
British Felsol Co., Ltd. (Asthma Remedy) Leader Page	Dick, W. B., & Co., Ltd. (Liquid Paraffin) ix	Hosezene Co., Ltd. (Sanitary Towels) 15
British Xylonite Co., Ltd. (Halex Toothbrushes) 1	Domo Remedies, Ltd. (Domolene, &c.) 22	Howards & Sons, Ltd. (Standard Ether) i
Buckley-Bowker Tablet Co., Ltd. (Tablets, &c.) ii	Dudley & Co., Ltd. (Fixtures and Counters) 10	Hubbuck, T. & Son, Ltd. (Oxide of Zinc) ii
Burge, Warren & Ridgley, Ltd. (Sur- gical Rubber Goods) 14	Everett, S. & R. J., & Co., Ltd. (Hypodermic Needles) 22	Jackson, J. G., & Crockatt, Ltd. (Filling Machines) 16

[Continued overleaf.]

ANZORA

HAIR CREAM

THE IMPROVED PRODUCT
embraces the following alterations—

- 1 THE CREAM IS NOW COMPLETELY EMULSIFIED and will not "separate".
- 2 COLOUR IS WHITENED; making Anzora more attractive to display.
- 3 SETTING QUALITIES IMPROVED without giving a "wooden" effect.
- 4 DOES NOT FLAKE or clog the hair.

ANZORA PERFUMERY CO. LTD.,
AINTREE ROAD, PERIVALE, LONDON.

ANZORA

IS NON-GREASY

INDEX—cont.

Jones & Co. (Methylators), Ltd. (Methylated Spirit) x	Orridge & Co. (Valuers, &c.)...Col. Supp.	Scurr, C. A. (Optical Tuition) Leader Page
Josephs, Philip, & Sons, Ltd. (Shop- fittings) .....Col. Supp.	Owbridge, W. T., Ltd. (Lung Tonic)... vi	Sharplin, W. J., Ltd. (Stoppers) 22
Lawrence, G. H., Ltd. (Razor Blades) 12	Paramount Products, Ltd. (Confec- tionery) ii	Smith, T. & H., Ltd. (Alkaloids) iii
Levermore, A., & Co., Ltd. (Precipi- tated Chalk) 22	Parke, Davis & Co. (Hydrogen Perox- ide) .....Cover ii	Smith, T. J., & Nephew, Ltd. (Lilia Soluble Towels) 17
Low, Son & Haydon, Ltd. (Toilet Pre- parations) 22	Perry & Hope, Ltd. (Phosphate of Soda) 22	Solazzi Liquorice iii
Lysol, Ltd. (Marshalls Lysol, &c.) 3	Phosferine (Ashton & Parsons), Ltd. (Phosferine Tonic) viii	Southalls (Birmingham), Ltd. (Sanitary Towels) 14
Mather, Wm., Ltd. (Plaisters) 14	Pitman, Sir Isaac, & Sons, Ltd. (Books) .....Leader Page	South of England College of Pharmacy 16
Matthews, D., & Son, Ltd. (Shopfit- tings) .....Col. Supp.	Potter & Clarke, Ltd. (Wholesale Druggists) 21	Sterns, Ltd. (Oils, Petroleum) xi
Maund, F., & Berg, E., Ltd. (Show- cases) .....Col. Supp.	Premier Oil Extracting Mills, Ltd. ... viii	Sumner's Typhoo Tea, Ltd. ...Leader Page
Maw, S., Son & Sons, Ltd. (Sundries)... 11	Purfinol, Ltd. (Liquid Paraffin, &c.)... ii	Thompson, John (Wholesale Druggists, 1921), Ltd. (Photographic) 6
Midgley & Parkinson, Ltd. (Yeast Pre- parations) x	Riddell, Francis, Ltd. (Inhalers and Inhalants) ix	Toogood, Wm., Ltd. (Dropping Bottles) 18
Milton Proprietary, Ltd. (Denture Powder) 2	Riley, J., & Sons, Ltd. (Hypo, &c.) ... viii	Walden & Co. (Nufix), Ltd. (Nufix) ... 13
Monsanto Chemicals, Ltd. (Salicylates) 7	Robb, A., & Co., Ltd. (Nursery Bis- cuits) x	Warriek Bros., Ltd. (Glycerine of Thymol Pastilles) 24
Mosans Quinine Pessaries 14	Roberts & Newton (Labels) 22	Whiffen & Sons, Ltd. (Bromides, &c.) Cover iii
Mysore, Trade Commissioner for, in London (Sandalwood Oil) iv	Roberts' Patent Filling Machine Co., Ltd. 16	White's Laboratories, Ltd. (Feen-a- Mint Bonus Offer) .....Front Cover, 13
Napp, H. R., Ltd. (Halibut-Liver Oil) Leader Page	Rudduck & Co. (Shopfittings)...Col. Supp.	Wyleys, Ltd. (Bismuth and Magnesia Tropels, &c.) .....Leader Page
National Cash Register Co., Ltd. (Cash Registers) xi	Savory & Moore, Ltd. (Squibb Pro- ducts) 19	Yestamin Co. (Dried Yeast Powder and Tablets) x
	Schwepes, Ltd. (Sugar-free Ginger Ale, &c.) x	Zimmerman, C., & Co., Ltd. (Dega- loids for Dogs) v

Everything in Photographics

**TO
ALL DEALERS**
ON THE APPROVED LIST OF
PHOTOGRAPHIC DEALERS

SPECIAL NOTE
We carry stocks of
"CORONET" "ENSIGN"
"SOHO" and other Cameras,
"AGFA," "ENSIGN," "SELO,"
and other films and all photo-
graphic requisites

WRITE FOR PRICE LIST
Please remember that all your requirements
may be obtained from

John Thompson Ltd.
(WHOLESALE DRUGGISTS 1921)

**APPROVED
PHOTOGRAPHIC DEALERS**
27-35 DUKE ST., LIVERPOOL

Telegrams: 'Drugs' Liverpool.
Telephone: Royal 6121 Private Exchange



Monsanto

by virtue of
their leading
position as
manufacturers
of PHENOL...
possess unique
advantages and
utilise them
to the full in
producing the
World's finest

Salicylates

ACTUAL PHOTOMICROGRAPH
OF SODIUM SALICYLATE B.P.

MONSANTO CHEMICALS LIMITED

VICTORIA STATION HOUSE, VICTORIA STREET, LONDON, S.W.1

NORTHERN SALES OFFICE, KING'S HOUSE, KING STREET W., MANCHESTER

*"The sales do not cease,
to astonish us . . ."*

AN UNSOLICITED TESTIMONIAL

(Original can be inspected at our offices)

" . . . These goods are urgently required as the season is on us, and we do not wish to interrupt the success your C.O.B. lines are having. **The sales do not cease to astonish us**, nor have we ever had any lines which so aroused the enthusiasm of our assistants."

**2ND
EDITION**

Yours faithfully,

(Signed) R. E. M. L.



C·O·B STANDS

UNCHALLENGED AS THE
GREATEST FORCE TO ENSURE
REPEAT BUSINESS AND TO
BUILD UP GOODWILL

IT COSTS THE PHARMACIST—
NOTHING

NOW READY



Write TODAY for your copy of
this interesting book, and get to
know more about our compre-
hensive service.

ARTHUR H. COX & CO. LTD.

MANUFACTURING CHEMISTS SINCE 1839

THE LABORATORIES, BRIGHTON, 7



ARMOUR'S FLAVOURED JUNKET

A PREPARATION TO CREATE SALES

EASY TO PREPARE
A DELICIOUS
SWEETENED AND
FLAVOURED JUNKET
FOR THE SICKROOM
NURSERY & TABLE

•
ADD CONTENTS TO
A PINT OF WARM
MILK—STIR GENTLY
AND ALLOW TO COOL

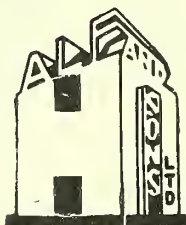


ARMOUR & COMPANY LTD.

LABORATORY DEPT., ARMOUR HOUSE, ST. MARTINS-1e-GRAND, LONDON, E.C.1

TELEGRAMS: "ARMOSATA-CENT,"
LONDON
TELEPHONE: - - NATIONAL 2424

CAN YOU MANAGE FOR ANOTHER MONTH ?



Within the next two or three weeks we are Mailing you something entirely new in Tablet Cartons, and also new designs for Speciality labels.

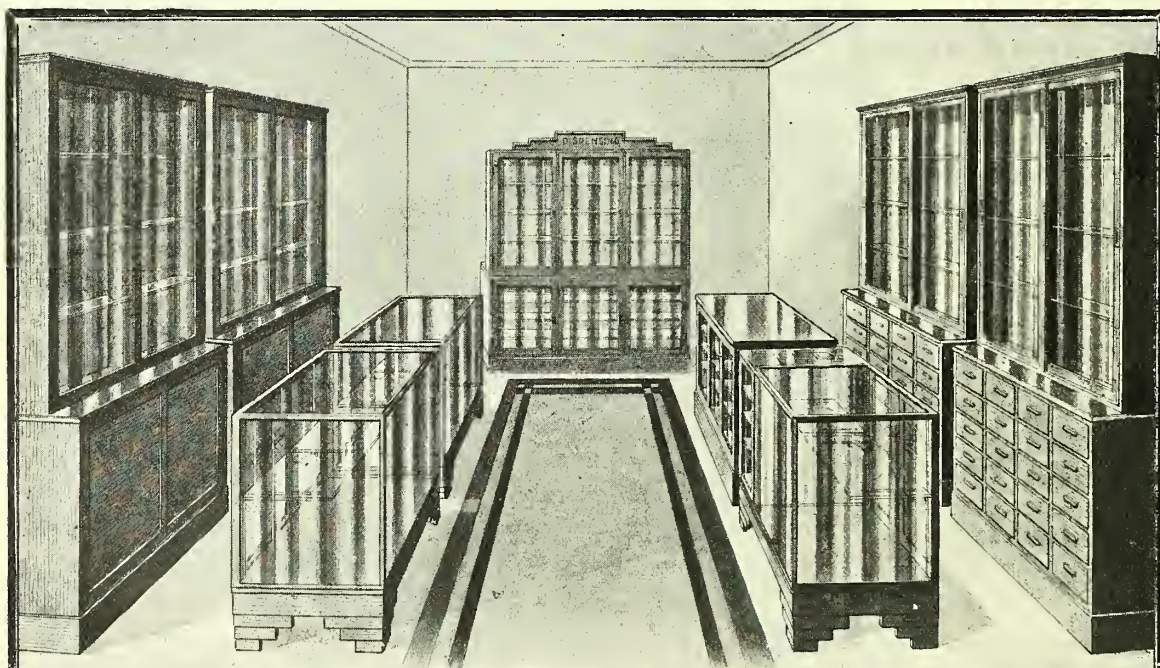
Our new Tablet Carton matches in Colour our well-known Drug Carton, and will especially appeal to the many Chemists already using our Carton for Drug packing.

ALF. HARRISON & SONS LTD

Chemists' and Advertising Printers

BURLEY ROAD, LEEDS, 4

LONDON OFFICE : SENTINEL HOUSE, SOUTHAMPTON ROW, W.C.1



Your Shop can look like this — imagine this handsome set of Fixtures and Counters in your premises and remember they can be had for **£131.0.0**

Supplied immediately on deferred payments involving a small initial payment. Let us send you our Catalogue No. C.D. 1740

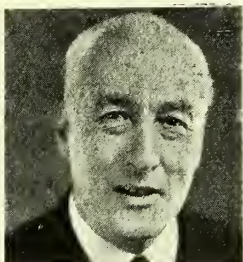
DUDLEY & COMPANY, LIMITED, 451-3 Holloway Rd., London, N.7

City Showrooms: 65 Fore Street, E.C.

The Old Manor Pharmacy,
BIRCHAMPTON.

22nd March, 1937.

Dear Bill,



Congratulations on taking over a chemist business at last on your own account. I am only sorry that I cannot make the journey to come and help you open up. The business should be a good proposition from your description, especially with some hard graft to get the turnover back.

For the next few months you will have to watch your purchasing carefully. Don't forget that Patents, Drugs for Dispensing and Sundries are equally important. I have always found it best to deal with a first-class House for each.

Be sure to go to a good firm for Sundries. There are dozens of firms who would like your Sundries business, but few of them are specialists. Maw's have been specialising in Sundries for over a century and a quarter. Your grandfather had their stuff in the Old Village Pharmacy here.

Apart from their complete range, they give a lot more attention to labels, boxes and what-nots, than other Sundries Houses. Anyway, a Pharmacy stocked with their Sundries is a positive picture.

They give good service and you will always get courteous treatment. Their traveller will be a good chap too. Go through his complete range, whether you are wanting a lot or a little. It is still the only way to check existing stocks and to decide how many of their new introductions you can afford to do without.

Their General Catalogue is still the best and they have several seasonal publications. Their M.S.S. is pretty good reading too!

Mother says it's time we climbed the "Wooden Hill," so good night my boy,

From your affectionate

Dad

P.S.

Don't forget to have at least one Carboy in your window



WATCH FOR THEM
IN—

London Evening Standard
Sunday Express
Sunday Dispatch
Sunday Chronicle
Sunday Times
John Bull
Sunday Mail
Sunday Post
Sunday Weekly
Glasgow Herald
Scottish Field
Tablet Tit-Bits

WATCH SALES SOAR!

WATCH YOUR STOCKS!

New National Advertising Campaign
to consolidate the success of **MORNING PRIDE**

"Morning Pride" has taken premier place in the shaving cream market. First in public favour "Morning Pride" is second to none in rapidly increasing sales.

Look to your stocks and be sure of your share of profits from this new wonder shaving cream.

MORNING PRIDE

REGD.

THE RAZOR READY BRUSHLESS SHAVING CREAM

PRODUCT OF FAIRY DYES LTD., PHARMACEUTICAL DEPT.
For particulars of attractive Initial Order terms write

SOLE DISTRIBUTORS: FASSETT & JOHNSON LTD

86 CLERKENWELL ROAD LONDON, E.C.1

SHAVE WITH A "LAUREL"

"LAUREL PENNY BLADES—ALL TYPES"

MADE IN SHEFFIELD, ENGLAND

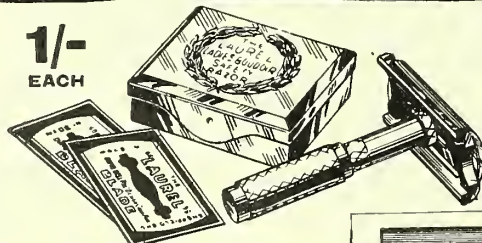
"LAUREL"

LADIES' BOUDOIR
SAFETY RAZORS
(NICKEL PLATED)

6d.
EACH



1/-
EACH

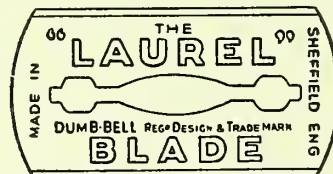
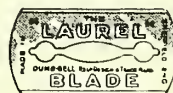


THE "LAUREL" LADIES'
GOLD PLATED BOUDOIR
SAFETY RAZOR

COMPLETE WITH TWO BLADES AS
ILLUSTRATED

PENNY BLADES

FOR YOUR RAZOR
PACKET OF SIX
BLADES FOR
6d.



FITS ALL 3-PEG HOLDERS,



GEO. H. LAWRENCE LTD. LAUREL WORKS, SHEFFIELD, 25571

MEET THE HOLIDAY DEMAND....



NUFIX 1¹/₂ TUBE

(8/- dozen, usual bonus terms)

Anticipate your customers' holiday needs. Elegant pack, last word in efficiency and convenience for the travelling public. Display and link up with summer advertising.

Sole Makers, Walden & Co. (Nufix) Ltd., Nufix Works, London, N.W.9

Practical Books for Everyday use

PHARMACEUTICAL FORMULAS (P.F., Vol. I)

Price 15s.
by post
15/6

The tenth edition of this, the most complete pharmaceutical formulary in the English language, is devoted to the official and semi-official preparations of practically every country in the world. This volume (published 1929) contains 1146 pages. Invaluable to the busy pharmacist. One of the most useful and handiest reference books in the trade.

PHARMACEUTICAL FORMULAS (P.F., Vol. II)

Price 15s.
by post
15/6

Published 1934. Supplementary to Vol. I, and known as "The Chemist's Recipe Book." Contains formulas for adhesives, beverages, cleaning materials, culinary and household requisites, horticultural and agricultural preparations, inks, lozenges, perfumes, photographic preparations, polishes, soaps, toilet articles, varnishes, veterinary preparations, etc., including numerous descriptions of practical methods employed in their manufacture, and other information of use to pharmacists and manufacturers. Over 1000 pages.

No business library is complete without these books. They are time savers and money makers.

You can order through your usual Wholesaler or direct from
The Publisher

THE CHEMIST & DRUGGIST
28 Essex Street, London, W.C.2

Branch Offices: 4 Cannon St., Manchester 3; 54 Foster's Buildings, High St., Sheffield; 19 Waterloo St., Glasgow; and at Paris, France; Auckland, N.Z.; Melbourne and Sydney, Australia.

PF2

FEEN-A-MINT 64¹/₂% BONUS OFFER

For 3 weeks from June 28, the great national dailies will offer to every purchaser of a 1s. 3d. packet of *Feen-a-mint*, a FREE 1s. packet of ASPERGUM—the pleasant easy-to-take form of aspirin. *YOU* have only to sell the *Feen-a-mint*. *WE* send your customer the FREE Aspergum in exchange for the coupon from the paper and the instruction sheet from a 1s. 3d. packet of *Feen-a-mint*. We also send you a FREE supply of ASPERGUM to meet the first demands for repeats which this great advertising campaign will create.

TO: White's Laboratories Ltd., Thames House, London, S.W.1

Please send, carriage paiddoz. 1/3 Feen-a-mint at 11/3 a dozen.

(BONUS: TWO 1/3 FEEN-A-MINT & ONE 1/- ASPERGUM with every dozen)

I will display both products on my counter and put up your window strip to link up with your great advertising campaign.

NAME

ADDRESS

Please affix your gummed label

(2¹/₂% discount for cash with order. Remittance must accompany orders of 2 doz. or less.)

N.B.—This offer applies only to 1/3 size FEEN-A-MINT but other sizes may be included at 13 to dozen.
THIS COUPON NOT VALID AFTER 5TH JULY 1937

Do you buy your SURGICAL DRESSINGS

from the manufacturers?

ARTHUR BERTON LTD

"BRITANNIA HOUSE"

256-260 OLD STREET, LONDON, E.C.1

Specialists in the production of
ALL SURGICAL DRESSINGS

WILLIAM MATHER, LIMITED

DYER STREET, MANCHESTER.

(Established 1826)



ZINC OXIDE and RUBBER ADHESIVE PLAISTER
ON SPOOLS

POROUS PLAISTERS. ELASTIC PLAISTER BANDAGES
ANTISEPTIC PLAISTER DRESSINGS, "CROCUS" CORN
COMFORT, Etc.

"MOSANS" Non-Greasy, Odourless QUININE PESSARIES



15/-
per dozen
boxes

ORDER THROUGH ANY WHOLEALER
or from

MOSANS LABORATORIES 15 ELMCOURT
ROAD, S.E. 27
Agents for South Africa: THE MONSOL DISTRIBUTING CO.,
16 STANDARD BANK CHAMBERS, JOHANNESBURG.

Southalls
'ORIGINAL'
'CELTEX' SOLUBLE
AND 'K'
Santowels

FROM YOUR
WHOLESALE
HOUSE

CONTRACEPTIVES

We have been supplying Contraceptives of all kinds now for over 30 years and our well-known Safeguard & Empire Brands are still as popular as ever. THESE FACTS SPEAK FOR THEMSELVES and prove the confidence we have secured which is the fundamental principle in selling these goods.

All our Brands are guaranteed to be of the finest manufacture.

Write for complete Price List and Samples.

BURGE, WARREN & RIDGLEY, Ltd.
91-92 Great Saffron Hill, London, E.C.1

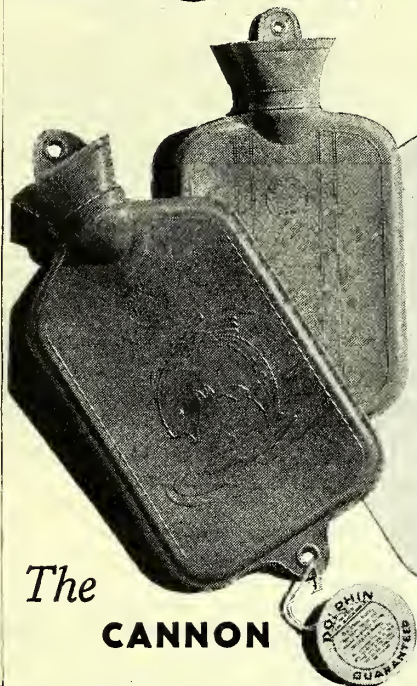
● ARE YOU BUYING

Lip Sticks, Eyebrow Pencils, Nail Polishes, Styptic Pencils, Smelling Salts, Perfumes, Brilliantines, and all Cosmetic Goods? If so write:

COLLINS, REYNOLDS & CO., LTD.
4 SUMMER HILL TERRACE, BIRMINGHAM, 1

Wholesale and Export only.

DOLPHIN HOT WATER BOTTLES



*Best Quality!
Attractive Designs!
Competitive Prices!*

** to the Trade only*

**Show
a good profit**

Colours:—GREEN, RED, BLUE
FULLY GUARANTEED

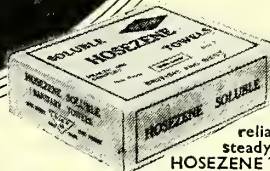
The

CANNON

RUBBER MANUFACTURERS LIMITED

CANNON WORKS • 5a WELBOURNE ROAD • TOTTENHAM, N.17

Your lady customers
have confidence
in **HOSEZENE**
products



Over 40
years' reputa-
tion for
superior
quality and
reliability ensures
steady sales for
HOSEZENE Towels.

PERFECT—with the knitted cover and
loop ends. Retail at 1/- and 2/9 per dozen.

SOLUBLE—packed in cartons of one
dozen to sell at 1/- to 1/6 per dozen.
Has no equal for easy disposal.

COMPRESSED—in great demand
for holidays and travelling. In cartons
of one dozen to retail at 1/3 to 2/3
per dozen.

Free Samples and terms on application
to the manufacturers.

**Hosezene Sterilized
ACCOUCHEMENT
SET** meets a very
definite need for a
complete outfit of
guaranteed first
quality goods.

BRITISH MADE BY

THE HOSEZENE CO., LTD.,



NOTTINGHAM

NORVELAST

ANTISEPTIC
EMERGENCY
FINGER
BANDAGE

*Now
advertised*



*points
the
way to sales*

**ADHERES ONLY TO
ITSELF**

Does not mark the
skin.

Folds over finger
joints and holds
firmly.

Each bandage packed
in individual hy-
gienic envelopes.

Handy for purse or
vest pocket.

Retail selling price
6d. and 1/-.

Packed in neat
cartons.

Boxed in display
outers containing
one dozen.

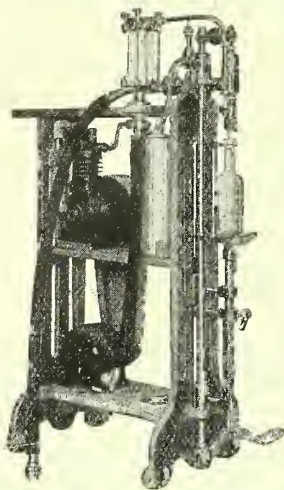
Now advertised in
Weekly and
Monthly Journals.

SOLE MANUFACTURERS

GROUT & CO. LIMITED
35 WOOD STREET, LONDON, E.C.2

SEND FOR UNIQUE, AT-
TRACTIVE DISPLAY STAND.
THE SIZE IS RIGHT FOR
YOUR COUNTER.

ROBERTS' PATENT "LEO" VACUUM FILLER



for Glass, Stone,
and Tin Bottles.
Fills all sizes from
drachm to quart—
long, short or
sprinkler neck.

Clean and Rapid
No Over Filling
Broken Bottles
Rejected
Easy to Clean
Self Rinsing

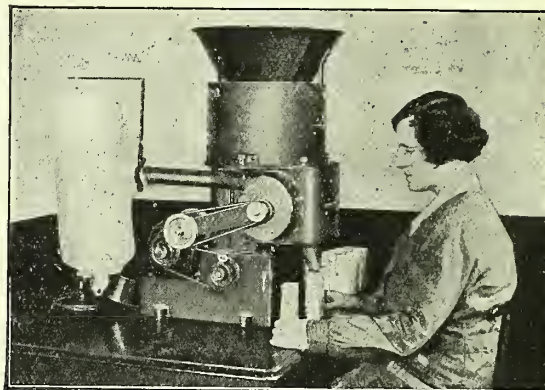
WRITE FOR
PARTICULARS

Roberts' Patent Filling Machine Company Limited

33 Roundcroft Street, Bolton, Lancashire

Makers of every description of Bottle Filling and Shallow
Jar and Tin Filling Machine for the Chemists' use
ALL RIGHTS RESERVED

JACKSON-CROCKATT PATENT FILLING MACHINES FOR ALL POWDER MATERIALS



"MINOR" LOOSE-FILLING MACHINE WITH DUST COLLECTOR

For Filling

Shampoo and Soap Powder, etc.

The fastest, cleanest and cheapest machine
for filling small packets and envelopes

Self-Contained motor drive

J. G. JACKSON & CROCKATT Ltd.
ENGINEERS
DARNLEY STREET, GLASGOW, S.I

WE SUPPLY
DECORATED TINS
FOR PACKING

OINTMENTS

AND OTHER PRODUCTS

SAMPLES AND PRICES UPON REQUEST

THE CALDICOT TIN STAMPING WORKS LTD.

CALDICOT, Nr. CHEPSTOW, Mon.

THE SOUTH OF ENGLAND COLLEGE OF PHARMACY

Principal—H. LUCAS, Ph.C., F.C.S.

"THE SCHOOL FOR SUCCESS"

This College affords systematic instruction in the
subjects for the Preliminary Scientific and
Qualifying Examinations.

New Courses start for the Preliminary Scientific and Quali-
fying Examinations on October 5th. Each extends for nine
months, and the fee is 30 guineas per course.

ENTRIES ARE NOW BEING BOOKED

For all particulars, entry form, etc. apply THE PRINCIPAL—
186 CLAPHAM RD., LONDON, S.W.9. Phone: REL. 2037



BOTTLE BOXES

of all kinds





PACKING CASES, CRATES, DRAINERS, etc.



HENRY HADFIELD, Ltd.

South Accommodation Rd., HUNSLET, LEEDS, 10

Phone
24070 LEEDS

Grams:
PACKING PHONE,
LEEDS

LILIA SELLS MORE THAN ANY OTHER SOLUBLE TOWEL



BEST BRITISH SOLUBLE TOWELS

CHEMISTS' SALES ARE UP 50%

Unique Value + Steady Advertising
assures this ever increasing demand

YOU CAN SELL MORE NEXT WEEK AND EVERY WEEK
THIS NEW SUMMER SHOWCARD WILL HELP YOU

If you don't stock LILIA, SEND US YOUR OPENING ORDER DIRECT and MENTION YOUR WHOLESALE (who will supply and invoice), and we will post you this card which is available to all stockists. T. J. SMITH & NEPHEW LTD., NEPTUNE ST., HULL.

BOTTLES

BRITISH MADE

OF
QUALITY

For over 80 years we have been making bottles of every description to meet the needs of the Trade. We are in a favourable position to produce all types—machine made—at highly competitive prices and of a quality second to none.

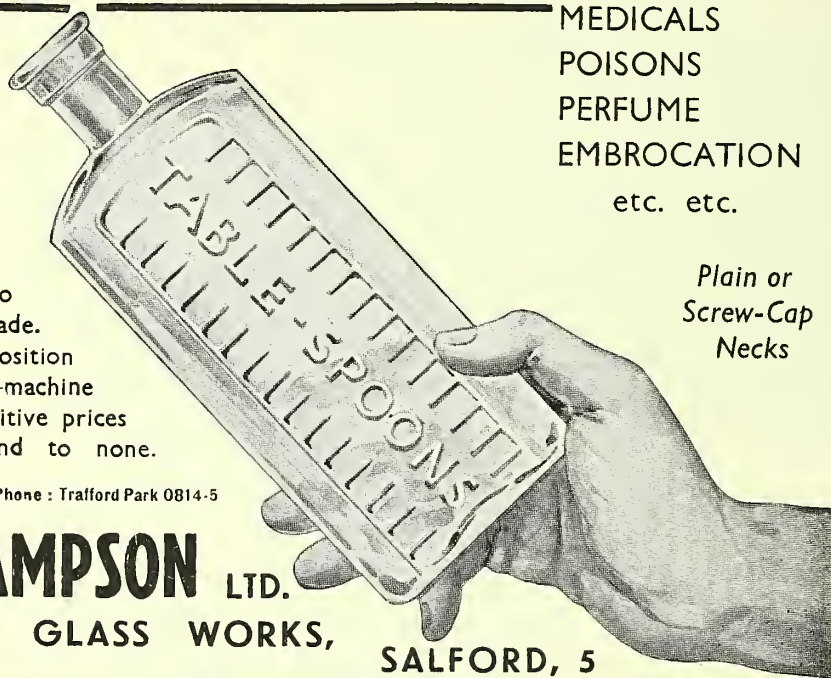
We shall welcome your enquiries. *Phone : Trafford Park 0814-5

FREDK. HAMPSON LTD.

PERSEVERANCE GLASS WORKS, SALFORD, 5

MEDICALS
POISONS
PERFUME
EMBROCATION
etc. etc.

Plain or
Screw-Cap
Necks



TOOGOOD'S

(NO. 6368)

DROPPING BOTTLES



ENGLISH MADE.

SUPER QUALITY.

AMBER GLASS.

FITTED BROWN BAKELITE CAP,

BROWN TEAT AND GLASS TUBE.

SUPPLIED WITH OR WITHOUT BOXES.

FULL PARTICULARS FROM

WILLIAM TOOGOOD LIMITED

77 SOUTHWARK STREET, LONDON, S.E.1

ANNOUNCING ACTIVE PROMOTION OF

• **SQUIBB** •

Ethical Medical Products

CALFO—RAYOL SQUIBB

Brand of
CALCIUM AND PHOSPHORUS WITH
VITAMIN D

AN EFFECTIVE PREPARATION
IN CALCIUM THERAPY

AMNIOTIN SQUIBB

Brand of
GESTROGENIC SUBSTANCE

SERENIUM SQUIBB

Brand of
DIAMINO—ETHOXY—AZO—
BENZENE

URINARY ANTISEPTIC OF HIGH
BACTEROSTATIC POWER

RAYOLEX SQUIBB

Brand of
VITAMINS A AND D
A HIGHLY POTENT SOURCE OF
THESE VITAMINS

AMINOPHYLLINE SQUIBB

Brand of
THEOPHYLLINE WITH
ETHYLENE DIAMINE

SULFANILAMIDE SQUIBB

Brand of
PARA—AMINO—BENZENE
SULFONAMIDE

TREATMENT OF HÆMOLYTIC
STREPTOCOCCIC INFECTIONS

*A Price List of both the Medical and Household Specialities
will be posted to every Pharmacist shortly*

SAVORY & MOORE LTD.

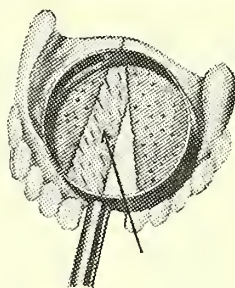
MEDICAL DEPARTMENT

61 WELBECK STREET, LONDON, W.1

SOLE DISTRIBUTORS FOR

E. R. SQUIBB & SONS, NEW YORK

MANUFACTURING CHEMISTS TO THE MEDICAL PROFESSION SINCE 1858



Cross section of dental plate
showing where germs breed.
Dento kills these germs.

MOST dental plates are porous. In them, pathogenic bacteria (Streptococcus Magnus, Streptococcus Continuus, etc.) find perfect conditions for rapid development. These bacteria liberate an acid secretion which acts as an irritant. This, dental authorities have now established, is often the cause of inflammation and soreness of gums and tissues.

Ordinary cleaning doesn't get at these deep-seated germs. That's why millions of people who clean their artificial teeth regularly still suffer. Dento reaches these germs and kills them. Searching laboratory tests have proved not a single organism remains alive after treatment with Dento. It sterilises plates not only on the surface, but *right through*.

The wide demand for such a

product needs no elaboration. Probably half the people who come into your shop have dentures. Nearly all suffer in some degree from trouble and discomfort. Every one will thank you for calling their attention to Dento.

POWERFUL NATIONAL ADVERTISING

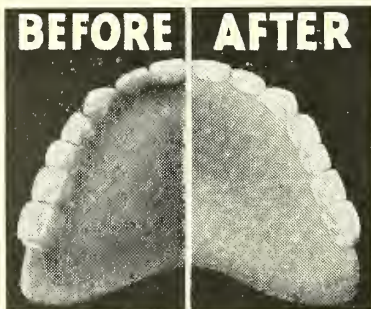
To familiarise denture wearers with these new facts about Denture troubles, a powerful advertising campaign will be run in leading national newspapers.

A ready-made market — an economic price — powerful advertising — plus the attractive terms for parcels detailed on the right, will make Dento one of the most profitable lines you handle. Don't miss this opportunity — send in your order today — F. C. Calvert & Co. Ltd., Gibbon St., Manchester 11

MAKES FALSE TEETH LIKE NEW

Stains from food juices, tobacco, mucin — even those that seem permanent — are quickly removed. Teeth come white — plates fresh and pink again. There's no brushing with Dento. It's taste is pleasantly refreshing.

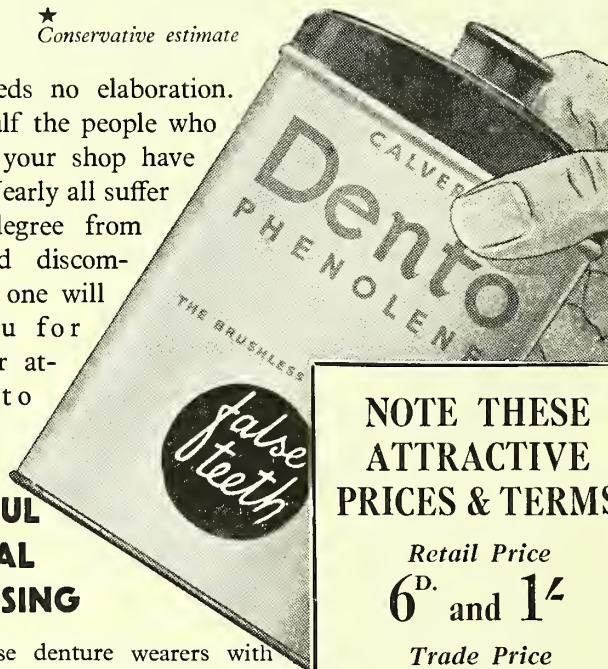
**HARMLESS TO TEETH,
PLATES OR FIXING PINS**



New Denture Cleanser

**KILLS BACTERIA — CAUSE OF
PAIN AND DISCOMFORT TO FIVE
MILLION* DENTURE WEARERS**

★
Conservative estimate



NOTE THESE ATTRACTIVE PRICES & TERMS

Retail Price

6^d. and 1^z

Trade Price

6d. size — 4/6 per doz.
1/- size — 8/6 per doz.

EXTRA DISCOUNT

for parcels which can
include Dento, Calvert's
Tooth Powder, Calvert's
soaps, etc.

£4 PARCEL

less 10% and 2½%

27^z PARCEL

less 5% and 2½%

Dento

P H E N O L E N E

A CALVERT PRODUCT

POTTER'S

Famous Remedies

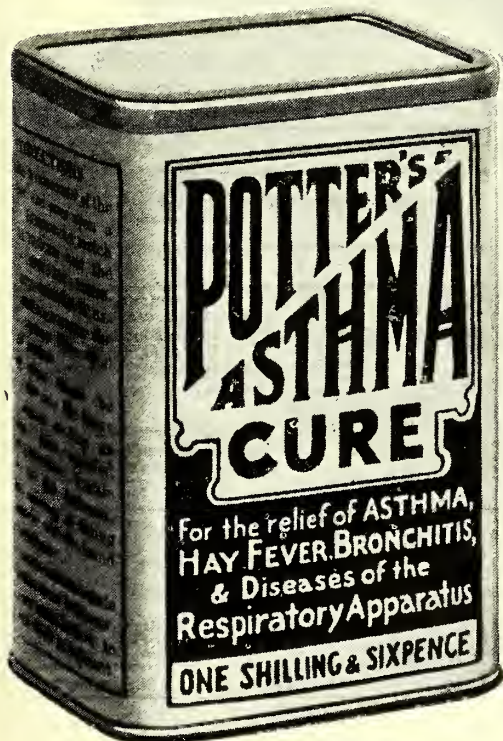
Catarrh Pastilles

P · A · T · A · 1s. 3d.

PER DOZ. · 11s. 0d.

BOXES · ½ DOZ.

of outstanding efficacy and merit. They have captured the approval of the Public. There is good business in this line for you . . .



Asthma Cure

Consistently advertised in all the great national newspapers thus ensuring a big demand.

RETAIL 1/6

WHOLESALE 14/- per doz.

POTTER & CLARKE LTD

60-64 ARTILLERY LANE · LONDON : E·1 · Phone · BISHopsgate 4761 (6 lines) Grams · "Horehound, Phone, London"

77 DANTZIC STREET · MANCHESTER · 4 · Phone · BLACKfriars 8734

Grams · "Horehound, Manchester"



WHOLESALE & EXPORT ONLY
HYPODERMIC NEEDLES
 OF ALL DESCRIPTIONS

S.&R.J. EVERETT & CO., LTD.

Needles to N.H.I.
 Specification

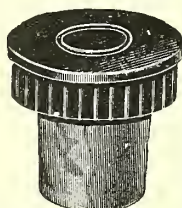
939, LONDON ROAD,
 THORNTON HEATH, LONDON, S.W.16

PRECIPITATED CHALK

LIGHTEST—MEDIUM—DENSE.
 And All Other Grades To Suit Every Purpose.
 Prepared Chalk B.P. and Powdered Talc.

*Phone: Mansion House 7300. Tel. Add.: "Levermore, Phone, London."
A. LEVERMORE & CO. LTD. ABC Codes.
 110 CANNON STREET, LONDON, E.C.4. 6th Edition.

COMPOSITION STOPPERS
 BAKELITE MOULDINGS
 COMPACTE COSMETIC & ROUGE BOXES



200 Varieties
 Any Colour.

A suitable Composition Stopper will enhance the selling value of your package. Let us fit your Bottles and quote you.



W. J. SHARPLIN, Ltd. Telephone: Mountview 3952
 Middle Lane Works, Hornsey, LONDON, N.8

Telephone: National 1631.

ROBERTS & NEWTON

Label & General Printers,
 DOMINION HOUSE,
 BARTHOLOMEW CLOSE,
 LONDON, E.C.1

Printers to the Drug Trade for over 40 years.

Labels imprinted BY RETURN.

GUMS TRAGACANTH AND ACACIA

As Imported or Finely Powdered
ALL GRADES

FREDK. FINK & CO., 10 & 11 Mincing Lane, London E.C.3

Telephone: Mansion House 5094

Eau de Cologne . . . Lavender Water

ALL TOILET PREPARATIONS

Low, Son & Haydon, Limited

5 GT. QUEEN ST., LONDON, W.C.2

COURT

TELEPHONE: HOLBORN 4007

EST. 1790

PERFUMERS

TRIBASIC PHOSPHATE of SODA

FREE RUNNING WHITE POWDER

Price and sample on application to:

PERRY & HOPE LIMITED
 NITSHILL - - - GLASGOW

DOMOLENE The Miracle Ointment, Price 1/6,
 stops Pimples, Boils, etc.
DOMOLENE-WOOL Stops Blood Poisoning,
 Price 1/6, (Trade) per
NATIONALLY ADVERTISED 1-dozen. 6/9

Distributors to the Wholesale and Retail Trade:

MAY, ROBERTS & Co., Ltd.,

BURGOYNE, BURBIDGES & Co., Ltd.,

D. MAWDSLEY & Co. (for Lancashire), Shudehill, Manchester

DOMO REMEDIES Ltd., Plantation House,
 FENCHURCH ST., LONDON, E.C.3 Phone: Mansion House 5754

75% of YOUR CUSTOMERS
 need this New and Better
 Cleanser for FALSE
 TEETH

BERTRAM'S DENTURE PASTE

Regular

National advertising.

Attractive display Material.

Retailing at 6d. & 1/3. Terms 4/6 &

10/- per doz. Write for details of Bonus Parcel.

Mfrs.: Gaskell Ltd., 273-287 Regent St., London, W.1

THE CHEMIST'S MONOPOLY—

P.P.T. Py-Shan Points Tea
 SECURES YOU REGULAR CUSTOMERS

5d. per lb. PROFIT, or 7d. per lb. when cash
 accompanies order
THOS. CHRISTY & CO. LTD., 4-12 Old Swan Lane, E.C.4



*Showcard
No. 0777
(shown in illustration)
available to
Pharmacists
on request*

Keeping abreast of the times

Modern conditions call for 'TABLOID' TEA.

Pharmacists realise its value to tourists, and its convenience for a quick cup of tea in the home, in the shop or the office.

It is so easy to sell; such facility makes a strong appeal.

Put a few tins on display now, and take advantage of the requirements of the holiday season.

'TABLOID'

Trade Mark Brand

'SAXIN'

(Trade Mark)

Just as convenient and compact as 'TABLOID' TEA.

London Prices to the Trade (subject).
Bottles containing 100 products at 12/6 per doz. bottles; 200 at 23/6 per doz. bottles; and 500 at 54/6 per doz. bottles.

'TABLOID'
Trade Mark Brand
TEA

London Prices to the Trade (subject).

Tins containing 100 products at 10/9 per doz. tins;
200 products at 18/0 per doz. tins.

SPECIAL BLEND, 100 products at 16/0 per doz. tins.



BURROUGHS WELLCOME & CO., LONDON

G 2003

COPYRIGHT

SUPREME QUALITY IS BURROUGHS WELLCOME QUALITY

WARRICK BROS. LTD.

R. HENDRIE & CO. • ESTAB. 1760 • MADDOCKS & CO.

*Warrick's
for
Pastilles
that bring
repeat
Sales!*



Compound Glycerine of Thymol Pastilles (PELLÆ BRAND) are packed in tins bearing a handsome blue and gold label.

One dozen tins are packed in an attractive show outer. Price **7/-** per dozen.

One of the most popular sellers.

Repeat sales are assured.

Specialists in

CAPSULES PASTILLES

TOILETS LOZENGES

WARRICK BROS., LTD.,

Telephone : Clerkenwell 2452 (two lines).

Telegrams : Warrickers, Nordo-London.

NILE STREET • LONDON

The CHEMIST AND DRUGGIST

The Business Newspaper for all Sections of the Drug, Pharmaceutical, Chemical, Cosmetic, Perfumery and Associated Industries

The official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)
54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22458)
19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)
111 NEW STREET, BIRMINGHAM (TEL.: MIDLAND 2921)

19 QUEEN STREET, MELBOURNE, C.I. AUSTRALIA
55a SHORTLAND STREET, AUCKLAND, NEW ZEALAND
155 AVENUE DE WAGRAM, PARIS, XVII^e (TEL.: STOLE 19-79)
PLANTAGE FRANSCHELAAN 32 AMSTERDAM-C. HOLLAND

CONTENTS

VOL. 126. NO. 2993

JUNE 19, 1937

PAGE	PAGE	PAGE	PAGE
Births 699	Editorial Articles—	Legal Reports 694	Pharmaceutical Society of Ireland—
Brushless Shaving Creams 702	N.H.I. Chemists' Contracts 701	Legality of Stop Lists.... 706	Council Meeting 704
Business Changes 695	Trade Figures Increasing 701	London Drug Stocks 710	Retrospect 712
Company News 696	The New N.D.C. 702	Marriages 699	Scottish Notes 692
Correspondence—	Gazette 696	News in Pictures 697	Topical Reflections 693
Letters 711	Information Department 700	News of the Week 689	Trade Marks 704
Miscellaneous Inquiries 712	Irish Notes 691	N.H.I. Ophthalmic Benefit 703	Trade Notes 698
Subscribers' Symposium 711	Items in Parliament 696	Personalities 699	Trade Report 707
Deaths 699			
Further Expansion 705			

News of the Week

Dangerous Drugs Acts, 1920-32

(From "The London Gazette," June 11, 1937)

At the Court at Buckingham Palace, the 8th day of June, 1937.

PRESENT,

The KING'S Most Excellent Majesty in Council.

WHEREAS by subsection (2) of Section eight of the Dangerous Drugs Act, 1920 . . . as amended by subsection (2) of Section one of the Dangerous Drugs Act, 1932, power is conferred on His Majesty by Order in Council to declare that Part III of the Dangerous Drugs Act, 1920, shall apply to any drug of whatever kind in the same manner as it applies to the drugs mentioned in subsection (1) of the said Section eight if it appears to Him that the drug is or is likely to be productive, if improperly used, or is capable of being converted into a substance which is or is likely to be productive, if improperly used, of ill effects substantially of the same character or nature as or analogous to those produced by morphine or cocaine:

And whereas it appears to His Majesty that all preparations of esters of ecgonine and of their respective salts and all preparations of ecgonine containing less than one-tenth per cent. of ecgonine and all preparations of esters of morphine are productive, if improperly used, or are capable of being converted into a substance which is or is likely to be productive, if improperly used, of ill effects substantially of the same character or nature as or analogous to those produced by morphine or cocaine:

Now, therefore, His Majesty, in pursuance of the powers conferred upon Him by subsection (2) of Section eight of the

Dangerous Drugs Act, 1920, as amended by subsection (2) of Section one of the Dangerous Drugs Act, 1932, is pleased, by and with the advice of His Privy Council, to order and declare, and it is hereby ordered and declared, that Part III of the Dangerous Drugs Act, 1920, shall on and after the first day of July, 1937, apply to all preparations of esters of ecgonine or of their respective salts and to all preparations of ecgonine containing less than one-tenth per cent. of ecgonine and to all preparations of esters of morphine in the same manner as the said Part III applies to the drugs mentioned in subsection (1) of Section eight of the Dangerous Drugs Act, 1920.

M. P. A. HANKEY.

Pharmaceutical Society of Great Britain

A special meeting of members of the Pharmaceutical Society was held at 17 Bloomsbury Square, London, W.C.1, on June 16, for the purpose of passing the following resolution:—

"(a) That this Meeting, in accordance with the provisions of the Royal Charter of Incorporation of the Society, approves of and concurs in a mortgage of certain messuages, lands, tenements, or hereditaments belonging to the Society in the form of a draft mortgage submitted to the said Meeting and for the purpose of identification signed by the chairman thereof, and accordingly authorises the Council to affix the common seal of the Society to an engrossment of the said draft.

"(b) That this Meeting, in accordance with the provisions of the Royal Charter of Incorporation of the Society, approves of and concurs in a floating charge of certain messuages, lands, tenements, or hereditaments belonging to the Society in the form of a draft charge submitted to the said Meeting and for the purpose of identification signed by the chairman thereof, and accordingly authorises the

Council to affix the common seal of the Society to an engrossment of the said draft."

The president (Mr. Thomas Marns) was in the chair. The secretary read the notice convening the meeting. The resolution was moved by the treasurer (Mr. E. T. Neathercoat), seconded by Mr. A. R. Melhuish, and carried unanimously. There was a very small attendance.

British Pharmaceutical Conference

Apart from a limited number of double rooms (a few with private baths) all the available accommodation at the Adelphi Hotel, Liverpool, has now been booked. When the remaining double rooms have been allotted, further bookings will be possible there only if there are cancellations. All communications with regard to accommodation should be addressed direct to the hotel concerned, but in case of need the general secretary, Mr. W. E. Humphreys, 38 Allerton Road, Liverpool, 18, or the secretary of the housing committee, Mr. W. E. Shepherd, 41 Litherland Road, Bootle, Liverpool, will willingly co-operate. (A list of hotels was published in the *C. & D.*, June 12, p. 669.)

Society of Chemical Industry

The fifty-sixth annual meeting will be held in Harrogate from July 5 to 9. The headquarters of the Society during the meeting will be at the Hotel Majestic. Members should make application for tickets as soon as possible to the secretary of the Executive Committee (Dr. A. L. Roberts, The University, Leeds, 2). The programme includes science sessions, works visits, sporting and social events. The presidential address will be given by Lord Leverhulme. The Society's medal will be presented on July 6 to Professor G. G. Henderson, F.R.S., who will deliver an address on "A Retrospect; Notes on Some Developments in the Theory and Practice of Chemistry in the last Half-Century." At the Chemical Engineering group session on July 7, Professor R. V. Wheeler (Sheffield University) is to speak on "The Problem of Dust in Coal Mines." The food group session will hear a short symposium on "Fruit Juices" on July 8. Among the works to which visits have been arranged are those of Joseph Terry & Sons, Ltd., York (chocolates); Reckitt & Sons, Ltd., Hull (starch, etc.); and the Yorkshire Copper Works, Ltd., Leeds.

Dental Insurance Panel Suggested

A deputation representing the British Dental Association, the Incorporated Dental Society and the Public Dental Service Association recently interviewed the Minister of Health, Sir Kingsley Wood. The deputation referred to the effect of dental defects and disease upon the health of all classes of the community, and emphasised the need for a comprehensive dental service as an essential sequel to the school dental service which would provide dental inspection and treatment for every insured person. This could only be made possible by means of a statutory dental benefit. The service should be organised on a panel system similar to that in force for medical benefit, and the dentists, like the insurance medical practitioners, should be remunerated on a capitation basis. Sir Kingsley Wood said in reply that over 10,000,000 persons—two-thirds of the whole insured population of England and Wales—were already entitled to dental treatment as an additional benefit and that the scope of the existing scheme would be considerably extended by the new proposals for bringing juveniles into National Health Insurance. It was clear that the cost of providing dental benefit as a statutory benefit would be very heavy and it would, of course, raise the question of an appropriate increase in the rates of contribution at present paid by insured persons and their employers. Important considerations were involved by the suggestion that dentists should be remunerated on a capitation basis.

Sessional Events

Huddersfield and District Chemists' Association and Branch held their June meeting on the moors at the Isle of Skye Hotel where, after the business was concluded, the members partook of ham and eggs, a dish for which the hotel is renowned.

Norwich and District Branch of the Pharmaceutical Society, at a meeting held on June 9, considered the motions scheduled for discussion at the branch representatives' meetings at the British Pharmaceutical Conference in July. Proposals were

made for the more efficient working of the Branch; these will be submitted at the next annual meeting.

In the absence of the president, the vice-president (Mr. J. M. Badcock) took the chair at a meeting of the Waterloo, Seaforth and Crosby Pharmacists' Association, held at Jeffery's Café, 42 South Road, Waterloo, on June 8. The minutes of the previous meeting were read and adopted. The secretary reported that the Lancashire Insurance Committee had approved the rota arranged for Sunday dispensing duty. The general experience of members was that the public had taken to the provisions of the Shops (Sunday Trading Restriction) Act and to the rota without friction. Mrs. Wilkinson and Mr. Pringle were elected auditors.

The annual meeting of the Pontefract Branch of the National Pharmaceutical Association was held on June 8, when the following officers were elected:—*Chairman*, T. Heseltine, Normanton; *Vice-Chairman*, A. L. Bratley, Pontefract; *Secretary*, C. S. Challinor, Castleford; *Committee*, Messrs. W. Goodall, South Elmsall, H. Heaton, Wakefield, R. N. Jackson, Castleford, J. H. Martin, Fitzwilliam, E. Wood, Wakefield, C. J. Wroe, Featherstone. *Local Secretaries*, P.A.T.A., Messrs. J. Judge, Wakefield, and C. S. Challinor, Castleford. A P.A.T.A. "observer," whose duty it is to watch for and to report breaches of P.A.T.A. regulations to the N.P.U. local secretary, was appointed for each of the other eleven towns of the area.

Birmingham

Members of the Birmingham Pharmaceutical Association visited Leamington Spa on June 9. Members followed their own programme in the afternoon, some visiting Warwick Castle and others the Pump Room and gardens in Leamington. The party met at 5 o'clock for tea in the Jephson Gardens, and the evening was spent on the putting and bowling greens and on the River Leam, concluding with an entertainment in the gardens.

Blackpool

Blackpool chemists were defeated by a team of local doctors in the annual cricket match for the benefit of the Victoria Hospital. The medical men batted first, and the score was carried to sixty before the first wicket fell, and only five men were out when the innings was declared closed at 163. In reply, the chemists opened well enough, R. Riley knocking up 24, including three sixes off the first over, but the later batsmen, apart from Aspden, did not stay long at the crease, and the last wicket fell five minutes from time. Results:—

Doctors: R. Ferguson, b. Riley, 28; F. G. Greenwood, b. Sidebottom, 41; J. R. King, b. Sidebottom, 13; Jas. Longworth, b. Dickinson, 1; G. Gorrie, b. Sidebottom, 2; H. Overend, not out, 46; A. O. Bruce, not out, 18; extras, 14; (total for 5 wickets, dec.), 163. *Chemists*: R. Riley, c. Harris, b. Jn. Longworth, 43; A. Sidebottom, b. Jn. Longworth, 10; H. Taylor, run out, 8; G. Denner, c. Greenwood, b. Jas. Longworth, 4; A. Chew, b. Jn. Longworth, 0; D. Cooke, b. Jn. Longworth, 17; R. Aspden, not out, 36; J. Dickinson, b. Jn. Longworth, 3; J. Dyson, c. Bruce, b. Jn. Longworth, 1; N. Uttley, c. and b. Jn. Longworth, 0; T. Durkin, c. King, b. Overend, 7; extras, 4; total, 133.

Liverpool

Students of the Liverpool School of Pharmacy, numbering 100, were conducted, in two parties, round the laboratories of Evans Sons Lescher & Webb, Ltd., on June 3 and 4. Each party was divided into three sections in charge of Messrs. Sendall (a director), Mounson and Lee. At the close of each day the students were entertained to a high tea at the Bear's Paw Restaurant.

Addressing the Liverpool Chamber of Commerce, recently, Mr. T. Edward Lescher (chairman of the British Pharmaceutical Conference) said that a closer understanding between the Mother-country and the Dominions was of great importance. With regard to one problem which was a factor in world unrest, he said in certain quarters there was a demand for access to raw materials. It was not a complete answer to say that raw materials within the Empire were as free to any country as they were to ourselves. Raw materials could not be procured unless there was opportunity of selling goods in return. Our own Dominions were looking for extended markets, which we could not entirely absorb. Imperial preference must have its limitations.

London

Wimbledon and District Pharmacists' Association will visit Mr. Frederick J. Hanbury's garden, East Grinstead, on June 23. A coach leaves Wimbledon Town Hall at 1.45 p.m. Fare 3s.

At Old Street Police Court, on June 14, Morris Glazer (18), described as an assistant chemist, was bound over for two years on a charge of stealing sums of money belonging to his employers, Stern & Phillips, Ltd., manufacturing chemists, Ironmonger Row, E.C.2.

Over 900 employees of British Drug Houses, Ltd., visited Southend by road, rail and water (mostly by special trains) on June 12. A pleasing feature was the presence of forty retired employees, who were heartily welcomed by the managing director (Mr. C. A. Hill). Lunch was provided at the Kursaal ballroom, and the toast of "The directors of the British Drug Houses, Ltd.," was proposed by Mr. E. Sage. The chairman (Mr. C. A. Hill) responded amid great applause, warmly congratulating the committee and stewards responsible for the arrangements. Mr. F. C. O. Shaw, Mr. R. R. Bennett and Mr. C. M. Hill supported the chairman, and telegrams were received from the absent directors (Dr. F. H. Carr, Mr. A. W. Hill and Mr. K. G. Shaw).

Members of the London Chemists' Golfing Society played for the president's prize at the Wildernes Country Club, Sevenoaks, on May 27. Twenty-nine entered, the winner again being R. Cobban (6), 75 net. The Rowland Staggs Prize presented by J. R. Harker, Staggs & Morgan, Ltd., was won by Andrew White (9), 77 net. The bogey competition for the Yardley cup was won by L. J. Morson, (9). Other scores were:—E. A. Geddes, 78; F. E. Lever, 80. At the conclusion of the day's play, members were entertained at Down Ash, home of the president (Mr. F. C. Oscar Shaw). The fourth meeting of the season was held at Crew's Hill golf club, Middlesex, on June 10. Twenty-seven entered for the flag medal competition, the prize being presented by the proprietors of "4711" Eau de Cologne. This was won by G. P. Craig (77 net). The bogey competition for the Lechner cup was won by W. M. Ballantyne. Other scores were:—W. A. C. Attwood, 79; F. E. Lever, 80; and F. G. Wells, 81.

Manchester

The annual competition for the Gibbs Trophy was held at the Leigh Golf Course on June 9 when Liverpool golfing pharmacists once more attempted to outplay the Manchester Pharmaceutical Golfing Society. During the fifteen years that the trophy has been competed for, Liverpool have won it six times (four times in succession, 1927-8-9-30, and in 1933 and 1935), Manchester having won it every other year since 1923. After an enjoyable afternoon's golf the party of over thirty sat down to high tea. A short speech was made by the President of the Manchester Society (Mr. J. H. Franklin) in which he said it was for the betterment of pharmacy that pharmacists should get together and have these friendly competitions. Mr. Insole (representing D. & W. Gibbs, Ltd.) congratulated Manchester on their victory.

The leading scores were:—

Manchester				Liverpool			
Compston	...	...	68	Sefton	...	...	70
Cromack	...	...	73	Dixon	...	...	72
Stevens	...	...	74	Williams	...	...	74
Aves	...	...	75	Alder	...	...	75
Stout	...	...	75	Glover	...	...	76
Evans	...	...	76	Tattersall	...	...	78
Swain	...	...	77	Fairbourn	...	...	78
Bostock	...	...	78	Lloyd	...	...	82
Collins	...	...			

The captain of the winning team (Mr. Cromack) retains the cup for one year, and each member of the winning team receives a replica. Messrs. Bostock and Collins will have to play off for their replica.

Miscellaneous

COMMERCIAL TRAVELLERS' BENEVOLENT INSTITUTION.—The half-yearly court of governors will take place at 4B Frederick's Place, Old Jewry, London, E.C.2, on June 26 at 12 noon, to receive the report of the board of management and the audited statements of account for the half-year ended April 30, and to elect candidates passed by the board.

OFF-LICENCE HOLDERS' DISCUSSION.—At a conference of the National Federation of Off-Licence Holders' Associations, held at Llandudno on June 8-10, the following resolution was on the agenda:—"This association [Rochdale] desires to emphasise the need for a stricter enforcement of undertakings given by chemists, on obtaining a wine off-licence, to sell only medicated wines. In many cases such undertakings are being openly violated." After discussion the resolution was referred to the Executive Council.

PUBLIC ANALYST'S REPORT.—Cheshire county analyst reports that the white paper contents of an informal sample of seidlitz powder was found to be 20 per cent. in excess of the amount required by the British Pharmacopœia: a tolerance of this order is quite unjustified, even though it might be argued that the purchaser was not prejudiced by having a little too much tartaric acid. In another case of tincture of iodine there was a deficiency of iodine (8.8 per cent.) which might have been due to spontaneous loss: there is no difficulty to insure the prescribed content of 2.5 per cent. of iodine.

Irish Notes

Pharmaceutical Society of Northern Ireland

The half-yearly examinations of the Pharmaceutical Society of Northern Ireland concluded on June 11. This year's examiners, with the exception of the examiner in Business Methods, were all from Great Britain, and the examination was divided into two parts, the first being held on June 1 and 2, and the second on June 9, 10, and 11. The results were announced on June 12, as follows:—

Preliminary Scientific examination: W. J. Beattie, J. Beckett, Miss J. A. Boyd, L. Breadon, Miss A. A. Burns, W. H. A. Clarke, J. A. Cochrane, W. J. Collins, J. Crilly, J. G. Foley, W. D. Magee, T. J. W. Montgomery, W. J. Mullan, J. McCandless, C. A. McDowell, W. S. McKee, J. G. McWilliams, A. O'Brien, S. Pepper, C. F. R. Pritchard, D. G. Sherman, V. D. Skeels, J. J. Ward. *Qualifying examination:* A. Best, A. P. Doran, Miss A. G. Dorrian, R. K. Gordon, H. G. Gwynne, Miss H. Hurrell, Miss M. E. Huston, S. J. Johnston, A. G. Kerrigan, J. J. Kelly, M. P. Lee, Miss E. H. Murray, D. L. McArdle, T. D. McDowell, C. R. Whitcroft, S. H. Wilson, H. S. McCauley.

Ulster Chemists' Association

The monthly meeting of the Executive Committee was held at 73 University Street, Belfast, on June 1, the president (Mr. A. Steede) in the chair. Apologies for non-attendance were received from Messrs. J. Adams and W. J. Rankin. The secretary reported that he had investigated some instances of price cutting by grocers. Test purchases had been made, and these had been forwarded to the proper quarters for action. After the usual routine business, Mr. Lineham suggested that on the day of the Royal visit to Belfast shops should be closed during that day except from 9 to 10 a.m. and 7 to 8 p.m. The suggestion was approved, and it was agreed that a notice to this effect be included in the price alteration list. Certain price alterations were adopted. It was agreed that the next meeting of committee be held on the first Tuesday in September next unless urgent matters necessitated summoning a meeting in the interim.

Miscellaneous

CHEMIST CHAIRMAN OF DISTRICT COUNCIL.—Mr. S. S. Badger, J.P., M.C.P.S.N.I., Magherafelt, has been re-elected chairman of the Magherafelt Rural District Council.

FIRST-AID UNIT ORGANISED.—Mr. J. J. Sewell, M.P.S.I., Killarney, is organising a first-aid unit for the coming Catholic Truth Society Congress at Killarney on June 27.

ADJOINING PREMISES PURCHASED.—Mr. Henry Murphy, M.P.S.I., the Medical Hall, Macroom, co. Cork, has purchased a draper's shop next to his own. Mr. Murphy is a life member of the Irish Pharmaceutical Society.

ULSTER TOURIST DEVELOPMENT ASSOCIATION.—Mr. Fred Storey (vice-chairman) has been re-elected chairman of the advertising committee of the Ulster Tourist Development Association. Mr. Walter Tate, Ph.C., represents the Ulster Chemists' Association on the Council.

COUNTY KERRY CHEMISTS' ASSOCIATION.—A meeting of the County Kerry Chemists' Association was held at Tralee on June 13, when good progress was made towards uniting chemists of the county in their own interests.

ROCKWELL COLLEGE UNION.—Mr. Michael J. O'Rourke, M.P.S.I., 97 Lower George's Street, Dunloaghair, has been elected to represent the province of Leinster on the Vice-President Board of the Rockwell College Union.

MESSAGES OF SYMPATHY.—Chemists from all parts of Ireland have tendered their sympathy to Mr. Samuel McCauley (managing director, Irish Pharmaceuticals, Ltd., Dublin), on the death of his father, who died on June 2.

AN UNLICENSED SHOPKEEPER.—At Glenarm, co. Antrim, recently, Jane Craig, shopkeeper, was fined £4 for keeping methylated spirits for sale, not being licensed for the purpose. Mr. McCann, for the defendant, argued there was no evidence of sale or exposing for sale.

THE SUPPLY OF FOXES.—Mr. J. F. Grimes, J.P., Ph.C., speaking at Tyrone County Committee of Agriculture on May 27, when it was reported that 160 foxes had been destroyed in the county, protested against killing them on such a scale. The occasional lamb or fowl which a fox killed was of little account, he declared, when compared with the number of vermin it destroyed.

HOSPITAL UPKEEP COSTS.—At their annual meetings, many management committees of infirmaries and hospitals in the Irish Free State have been complaining of the heavy increase in upkeep of the institutions in recent years. The cost of drugs and medicines was stated to be much greater than it had been two or three years ago, and one of the heaviest items of expenditure on the accounts.

SHOP HOURS ACT COMMITTEE.—Chemists in the North of Ireland are awaiting the report of the Shop Hours Act Committee set up by the Home Office to consider the question of early closing. During the sittings of the Committee representatives of pharmacy were examined and gave their views, and there is much speculation as to what the Committee will recommend in the case of pharmacists. Meanwhile the number of chemists joined in Belfast and various districts to maintain an earlier uniform closing hour in the summer months is growing, two more districts having come into line within the past few weeks.

AMERICAN FIRM TO OPEN IRISH FACTORY.—The Potter Drug and Chemical Corporation, Boston, U.S.A., manufacturers of Cuticura soap, ointment, and talcum powder, have decided to open a factory in the Irish Free State for the manufacture of their products. They will be the first American manufacturers of medicinal products to open a factory in the country, and are sending over experts to supervise production. The distribution and trade organization will be handled by May, Roberts (Ireland), Ltd., for the Potter Corporation. Supplies of Irish-made Cuticura products are expected to be on the market by July.

INQUEST.—A coroner's jury at Ring, co. Waterford, who inquired into the death of Siobhain Kennelly, who died after an injection against diphtheria, found that the child died on April 10 "from toxæmia and purpuric hæmorrhage consequent on general military tuberculosis infection." "We are of opinion," the jury stated, "according to the evidence placed before us that the tuberculosis condition was originated by the inoculation of prophylactic in the right arm of Siobhain Kennelly in November 1936, and that we are of opinion that the contents of one 25 c.c. bottle of prophylactic labelled 'T.A.F. Burroughs Wellcome' from which a portion of the material was extracted by Dr. Daniel McCarthy for the purpose of aforesaid inoculation contained tubercular bacilli, and that the inoculation was carried out by Dr. McCarthy according to the most approved surgical technique. Every precaution was taken by him, and by those who assisted him, to guard against infection arising out of contaminated surgical applications, and we exonerate them from any blame in this matter." Dr. John McGrath, State pathologist, asked if he suggested that the bottle contained tubercle bacilli, replied "Certainly not. I think that short of gross insanity it could not happen that tubercle bacilli could get from one worker's hand to those of another and then to the bottle." Mr. J. J. Horgan, for Burroughs Wellcome & Co., said that the college authorities acted in the best interests of their pupils in seeing that immunisation was carried out. "I think," he said, "we will all agree that the time

would not have been wasted if we had succeeded in clearing up the mystery. Definitely we have not. . . . If this serum were contaminated during its manufacture, it is as clear as the addition of two and two that eight pints would have been contaminated—not one bottle, but hundreds of bottles of this preparation would have been contaminated." His clients, he added, did not sell any preparation of live tubercle bacillus, and there was no question of any tubercle bacillus getting by mistake into the bottles of "T.A.F."

Scottish Notes

Edinburgh

Members of the Edinburgh Chemists', Assistants' and Apprentices' Association visited the University Institute of Animal Genetics, King's Buildings, Edinburgh, on June 11. Professor Crew, M.D., D.Sc., Ph.D., taking as examples mice, rats, rabbits, birds, frogs and flies, explained methods of diagnosis of human ailments through animal experimentation and observation; the Friedman pregnancy diagnosis test; and modern specialised research in the physiology and cytology of sex. Mr. Dootson (secretary) moved a vote of thanks.

The Bruce-Preller lecture was delivered by Professor Hugh Stott Taylor (chairman, department of chemistry, Princeton University, New Jersey, U.S.A.) at a meeting of the Royal Society of Edinburgh on the subject of "Heavy Hydrogen in Scientific Research." Professor Taylor stated that experiments at Princeton, during which 75 tons of water was decomposed electrically to give a final residue of about one thimbleful, showed that, in addition to hydrogen of mass 2, now called deuterium, there existed in ordinary water a third hydrogen of mass 3, named tritium. The preparation of the two forms of hydrogen, light and heavy, each in pure form, had been a tremendous asset in chemistry, physics and biology. It was possible that the principal uses of heavy hydrogen would be in producing artificially radioactive substances for therapeutic uses.

Glasgow

An extension to the Department of Botany at the University of Glasgow was opened on June 16 by Sir Albert Seward (Emeritus Professor of Botany, University of Cambridge). The new building will provide increased accommodation and facilities for advanced teaching and research. The building is the gift of the chancellor (Sir Daniel M. Stevenson, Bt.), who presented £5,000 to the University towards the cost. Amongst those present at the opening was Emeritus Professor F. O. Bower, head of the botany department, Glasgow, for forty years. The new laboratory for experimental work on living plants will perfect the equipment of the department. The building consists of a large laboratory fitted up after the manner of a chemistry laboratory. A special room, tiled from floor to ceiling, will be used for the preparation of cultures of fungi. Two small private laboratories for the use of members of the staff engaged in teaching plant physiology, and a greenhouse for growing materials used in experimental work, are also provided. Sir Albert Seward received an honorary LL.D. degree at the graduation ceremony in the morning. Professor John Walton (present Professor of Botany, Glasgow University) has been presented with a photograph of Sir Joseph Dalton Hooker, a reminder of the association of the University with the eminent botanist, who opened the existing department in 1901, and with his equally distinguished father, Sir William Jackson Hooker, who held the chair of Botany at Glasgow University from 1820 to 1841.

Professor J. P. Todd (chair of pharmacy, Royal Technical College, Glasgow) addressed pupils at the High School, Glasgow, on June 9 on "Pharmacy as a Career." Mr. A. B. Gilmour (chairman, Glasgow and South-West Scottish Branch of the Pharmaceutical Society) introduced Professor Todd, referring appreciatively to his work for pharmacy. Professor Todd dealt with the terms "chemist" and "pharmacist," explaining that the pharmacist was one concerned with the preparation of medicinal substances. The retail pharmacist, said Professor Todd, was both a professional and a business man, and this dual outlook was both necessary and advantageous. As a professional man he was in control of poisons, and the Government looked to him to see that these poisons were kept out of the hands of those not entitled to get them. It was also his duty

to make up the nation's medicine. He had often to advise doctors regarding prescriptions. A recent development was the analyses of body fluids, for example, determining the amount of sugar in the blood. The hospital pharmacist had to test, approve or reject, and buy all the substances required for medicines in the place where he was engaged, and to prepare all medicines used. The positions of the manufacturing pharmacist and teaching pharmacist were also described. Professor Todd detailed the course of study and procedure for the statutory and academic qualifications, pointing out that the degree of B.Sc. in pharmacy was usually taken by those who wished to specialise in the analytical or manufacturing side.

The ninth annual meeting of the Glasgow and West of Scotland Branch of the Photographic Dealers' Association was held on June 9. The president, Mr. W. S. Culbert, took the chair. Office-bearers were elected as follows:—*Hon. President*, A. Pollock; *Hon. Vice-President*, J. Weir; *President*, R. A. Couper; *Vice-President*, W. McKay; *Treasurer*, C. Horsburgh; *Secretary*, Hugh W. Thomas, 436 Argyle Street. *Members of Council to act for two years*: Miss E. Miller, Messrs. W. S. Culbert, W. Chapman, P. M. Duff, D. Duncan, A. Murray, J. C. Semple. *Auditors*, Messrs. J. W. Downie, W. Wood Wilson. Discussion took place on the charge to be made for developing five-exposure roll films, and it was agreed that this should be sixpence. The following resolutions were passed unanimously:—(1) That the time is now opportune to recommend to the manufacturers that a six-exposure chrome film to retail at 1s. should be introduced, and that the present 1s. ordinary and 1s. 2d. chrome films be discontinued so that

chrome films should become standard. (2) That this Branch, after full inquiry, is satisfied that co-operative societies in many instances supply photographic goods and allow full dividend, and therefore urges that each co-operative society should be treated as a separate entity so far as the supply of photographic goods is concerned. Further, that in the event of any society being guilty of violating the "Conditions of Sale" of photographic goods such society should after the first misdemeanour receive a warning, and after a second misdemeanour be placed on the stop list for a definite period of at least one year.

Miscellaneous

REPRESENTATIVE RESIGNS.—Mr. L. Robertson has resigned his position as East Scottish representative, Johnson & Johnson (Great Britain), Ltd., to become a director in a shipping supplies company in the North of Scotland.

FORRES TRADERS' ASSOCIATION.—Forres shopkeepers have formed a shopkeepers' and traders' association to discuss hours of closing, public and annual holidays, and other matters. Each trade will have one representative on the executive. Bailie Anderson (chemist and druggist) was appointed *President* and will represent the chemists.

A RESULT OF "EDUCATION."—During the past year the prescribing of potassium iodide in Scotland is reported to have greatly diminished, notwithstanding that the price has remained at a comparatively low level. The explanation given is the intensive "education" of doctors in economy under the National Health Insurance scheme.

Topical Reflections

By Xrayer

Medical Men

have once again scored a victory (p. 677). I expected no other outcome of the work of the Court of Inquiry. They have a powerful "trade union," and, as you state, their case is always admirably put. They point the moral to us, and have done so before; the pity of it is that we never seem to learn by experience. The older pharmaceutical body has no *locus standi* in business matters affecting the craft; the National Pharmaceutical Union, although it has an admirable secretary and staff, does not carry the weight it should because it does not speak for a united body of members. There is a wide difference between the treatment meted out to the doctor and to the chemist in National Health Insurance matters. The doctor gets a capitation fee for every patient assigned to him, whether visited or not. Many doctors with a large panel need no other source of income, and are content to receive their fees regularly and to do routine work for those patients who need it. They have no worries such as the chemist has; he is often apprehensive that his accounts will be discounted or that he will not be paid in full for goods supplied. His "overheads" are rising; although he can pass on any advances in the prices of items on the tariff, he is helpless in the face of small additional charges not thus provided for. It is a grotesque system, and would probably not be tolerated in any other civilised country.

This Question of Narcotics.

their sale and incidentally their storage (p. 677) is an intriguing one; your article has started me on a train of memories. Where I was apprenticed we stored our opium on the top of the grandfather clock in the kitchen, close to the range, so that drying should be quickly accomplished. So far as I remember the maids had no curiosity about it and probably did not know it was there. When it was dry I sliced it or broke it and duly made it into laudanum, after assaying the morphine. We had no fatalities; the worst that happened was the quick drinking of six drachms of the tincture per diem by an old hand, a woman, who turned up every morning with 4½d. in coppers, which I believe she begged. There were no precautions then for the storage of morphine and cocaine, which were placed alphabetically with other powders. There were no fatalities; why should there be? We knew our job, we knew the nature of all the goods we handled; and as we exercised the utmost care in handling

and checking everything, we could do no more when it became the law to keep the poisons in fluted bottles on shelves or in plain bottles under lock and key. The more difficult the legislation makes it for people to get narcotics, the more determined they will be to get them and to find substitutes. I deplore the recent allusion in the daily Press to benzedrine; there has been, I believe, a big demand for the drug, and I am not sure that it can be used in the somewhat light-hearted way suggested in the article. It is probable that pharmacists lose over the sale of every scheduled poison; and it is surely an anomaly that although they are the only people allowed to sell certain poisons, the difficulties of making a sale are so many that it is certainly easier and much more profitable to sell a stick of shaving soap or a sponge.

I Am Glad

that one of your correspondents (p. 687) is pointing out the likely expense to members, in the near future, of the new Brunswick Square House, and particularly that part of it (by no means a small one) which will house the School of Pharmacy, on which a loss is already made year by year. The prospect of an increased retention fee is becoming more and more a possibility; it is of urgent importance that members should realise the amount they will have to pay from it for education. No one wants to decry education provided there is likely to be a future for those educated and a future in which they can use the technical knowledge they have gained in school or college. The truth is that there are fewer opportunities to-day in pharmacy for the trained man than ever. Dispensing is rapidly approximating to the standard of the N.H.I.; the manufacturer supplies such a range of pharmaceuticals—and so cheaply—that there is no necessity to make them behind the counter or in the warehouse; selling poisons, so far as any profit is concerned, is shared by others. It seems almost a crazy idea to go on increasing the range of examinations with a view to turning out men who, for the work they will have to do, are over-educated and in a very few years will lose the greater part of the knowledge they have acquired, through lack of opportunity to use it. I hope you will, as suggested by your correspondent, miss no opportunity of bringing before your readers the likelihood of an increased retention fee in the near future unless a halt is called in matters educational.

Legal Reports

Loss of an Eye.—In the King's Bench Division of the High Court, London, on June 16, Mr. F. W. Kubach, a city merchant, Sylvan Road, Upper Norwood, S.E., and his daughter, Rita, claimed damages, alleging negligence, from Miss Mary E. Hollands, Park School, South Norwood, and Townson & Mercer, Ltd., wholesale and retail chemists, Camomile Street, E.C.2. Miss Kubach stated that she was mixing potassium chlorate and what she thought was manganese dioxide to make oxygen. Under heat it exploded and she had her eye removed. Evidence was given that 1 lb. of manganese dioxide was purchased from Townson & Mercer, Ltd., by Miss Hollands's science mistress. After the explosion the chemical was found to contain antimony chloride. Miss Hollands alleged negligence by the company, who, stating that they bought the chemical from Frederick Allen & Sons (Poplar), Ltd., manufacturing chemists, Upper North Street, E., brought that company in as third party in the action. All the defendants denied negligence. Mr. Stanley G. Jones, manager of Townson & Mercer, Ltd., said his company bought the chemical from Frederick Allen & Sons (Poplar), Ltd., in a 28-lb. packet, and he admitted that the invoice contained the words, "Above goods are accurate as described on leaving our works, but they must be examined and tested by the user before use." That warning was not passed on to the purchaser. He contended that his company was entitled to rely on the persons from whom they purchased the chemical. The jury negatived negligence and breach of contract by Miss Hollands, and she was dismissed from the action, with costs. They found negligence by Townson & Mercer, Ltd., and that that company was responsible for the girl's injury, and awarded her £3,000 and her father £119. Judgment was entered, with costs, against Townson & Mercer, Ltd. The hearing of the remainder of the case was adjourned.

Pharmacy and Poisons Act, 1933.—At Lowestoft, on June 10, George Edward Davie, Earlham Road, Norwich, trading as N. B. Davie, was summoned for using the title "chemists," when not qualified, at a market stall at Lowestoft. Alternatively he was summoned for using the title "chemist" when not registered as a pharmacist. Mr. G. L. Talbot appeared for Davie, who pleaded "Not guilty." Mr. A. C. Castle, prosecuting, said that Davie purported to be the agent of a limited company with a factory and registered office in London. The company manufactured what Mr. Castle said he might describe as copies of well-known proprietary medicines, of which he named several. At Davie's stall was exhibited a large banner, headed "P.P.P. Pharmacy, Dispensing Chemists." Lower down appeared the words, "N. B. Davie, sole representative for Eastern Counties," beside which appeared "qualified chemists." Mr. Castle submitted that people seeing the banner would reasonably come to the conclusion that a qualified chemist was selling medicine. Mr. Cyril Morgan, an inspector under the Act, gave evidence as to the wording on the defendant's banner, and stated that he warned Davie four or five months ago. The defendant, giving evidence, said he had been selling medicines for twelve years, and had visited Lowestoft weekly for the past nine years. He prepared the banner with the same name and description as was on the bottles, thinking this was in order. Mr. Talbot, in defence, contended that the obvious effect of the banner was to say that Davie was a representative of the P.P.P. Co., who were qualified chemists, and it informed the public that the goods he sold were made by this company. At the same time, Davie was willing to alter the banner. The magistrates decided to fine Davie under the second summons; a fine of £5, with £5 5s. costs, was imposed.

At Clerkenwell Police Court, London, on June 11, G. A. Hutton, Ltd., High Holborn, W.C.1, pleaded "Guilty" to a summons for unlawfully taking or using in connexion with the sale of goods by retail the title "chemist." Mr. A. C. Castle, prosecuting, said the defendants carried on business as manufacturers of glandular preparations. An invitation was made to the company by post to give particulars of their preparations, and on certain literature which was sent in reply, particularly in a handbook entitled "The New Way to Vitality," they had underneath their name the title "manufacturing chemists." If they had been carrying on a business of a purely wholesale character they could have described them-

selves in this way, but they had a retail department and there was no qualified chemist on their staff. A solicitor for the defence said the company had been run at a loss. The present directors were Mr. Kitty and Mr. Hutton. In the first letter written to them they were told that it had come to the notice of the Pharmaceutical Society that they were supplying direct to the public certain preparations containing thyroid and other poisons without being registered chemists within the meaning of the Act. They replied that in order to comply with the law their formula had been changed in the early part of the year and that they were no longer using poisons. In reply to this, Mr. Castle said a limited company was not entitled to use the word "chemists" unless it complied with Section 9 of the Act. Mr. Kitty went to see Mr. Castle. As a result of this interview, he had a new set of order forms, etc., printed, and the old ones were destroyed. The words "chemists" and "pharmaceutical" had been omitted on the new stationery. The only literature which was not reprinted was the book, "The New Way to Vitality," and in the copies of this which they had the words "manufacturing chemists" were typed through. It was possible that some copies had been overlooked. The defendants had spent thousands of pounds manufacturing their products, and they had never represented themselves to be chemists. It was not material to their business to do so. A fine of £5, with £2 2s. costs, was imposed.

Vinegar: Appeal.—At the County of London Sessions, on June 15, William Tame, fish frier, New Street, W.C.2, appealed against a fine of £5 and £26 5s. costs, imposed upon him at Bow Street Police Court for having sold vinegar not of the nature, substance and quality demanded by the purchaser, contrary to Section 2 of the Food and Drugs (Adulteration) Act, 1928 (C. & D., March 27, p. 363). The respondents to the appeal were the Westminster City Council, who were represented by Mr. St. John Hutchinson, K.C., and Mr. Vernon Gattie. The applicant was represented by Mr. Kenneth Swan, K.C., and Mr. R. E. L. Parry. Mr. Hutchinson said the Council were contending that for a substance to be called vinegar at all it had to be brewed. The applicant had a fried fish shop, and this was really a test case to decide what vinegar was. Some vinegar was sold to a sampling officer, and subsequently the analyst issued a certificate that it was 100 per cent, artificial vinegar. It consisted of acetic acid, water and burnt sugar. For 300 years vinegar had been made by a fermenting process, and about forty years ago chemists produced it from acetic acid.

EVIDENCE FOR THE RESPONDENTS

Mr. Frederick William Edwards, public analyst, said that fermentation was an essential part in the manufacture of vinegar. Artificial vinegar did not contain any mineral salts, proteins or vitamins. If a person asked for vinegar he should be given malt vinegar and not a synthetic liquor. Some of the larger firms employed chemists to see that their fermented vinegar did not contain impurities, but the brewing could be done by a brewer. In the case of non-brewed vinegar acetic acid was the main and essential ingredient. There was a synthetic method of producing acetic acid, such as from coke. The acid consisted of carbon, hydrogen and oxygen, and a chemist could easily produce acetic acid of great purity. Real vinegar could not be produced from wood, although for many years there was a substance known as "wood vinegar" in the trade. The vinegar produced from acetic acid was perfectly wholesome and pure, but it differed from malted vinegar in aroma and flavour. He would not say that wood vinegar was a vinegar at all, although there were some public analysts who entertained a different opinion. Vinegar of squill was in the British Pharmacopoeia, but it was a medicine and not a vinegar. Even if the process of manufacture now did not include fermentation, it did not alter the fact that it was a medicine and not vinegar. Dr. Charles Ainsworth Mitchell, F.I.C., said his definition of vinegar was that it must have a process of fermentation. The substance in question could correctly be described as imitation vinegar. It should have a prefix so that it could be recognised from brewed vinegar. In cross-examination, he said there had been a controversy going back a good many years over the definition, and there were two schools of thought over the matter. Dr. Henry Edward Cox, public analyst, said he would not describe the substance in question as vinegar without a prefix to denote its origin. No

action was taken at Hampstead when he had reported against such samples, but in Cornwall there had been successful prosecutions. Witnesses in the trade were also called to show that when asked for vinegar they always supplied malt vinegar.

EVIDENCE FOR THE APPELLANT

For the appellant, Mr. Leonard J. Dodman, governing director of S. Dodman & Sons, Ltd., said he had had fifty-nine years' experience in the manufacture of vinegar, pickles and sauces. His firm supplied the vinegar which was the subject of the present case. The firm had been in existence for seventy-six years supplying non-fermented vinegar without complaint, and only 10 per cent. of his trade was in malt vinegar. The expression "table vinegar" was a term of general use, and it described non-fermented vinegar. He had never heard of the expression "artificial vinegar." A customer would not be deceived as to what he was getting, because malt vinegar was much dearer. Further evidence was given of the purchase of bottles of vinegar in London and the North. In some cases malt vinegar was supplied, but in the majority the purchasers were given non-fermented vinegar, which was described on the label as "wood vinegar" or "non-fermented vinegar." Evidence was also given by several trade witnesses, who declared that "table vinegar" was a general term, and was applied in the trade to non-fermented vinegar. The Appeals Committee adjourned.

When the Court resumed on June 16, Dr. Ernest J. Parry, F.I.C., said that "vinegar" was a generic term including a number of species, but the connecting link was undoubtedly acetic acid. A brewer did all he could to do away with impurities in malt vinegar, which were not, as had been stated, the product of fermentation. To him the expression "table vinegar" meant pure vinegar. The word "vinegar" did not only connote a brewed condiment. Questioned by Mr. Hutchinson, Dr. Parry said that vinegar had always owned its name entirely to the presence of acetic acid. The manufacture of synthetic vinegar was carried on in a small way eighty years ago. In 1910 there was a good deal of fraud going on, and people were making what was purported to be malt vinegar by taking acetic acid and adding phosphates and proteins and deceiving the analysts. It was that which he described as "factitious" in a book he wrote in 1910. Pure non-brewed vinegar had been on the market for about twenty-five to thirty years. He had found that "table vinegar" was on the non-fermented bottles and not on the malt type, but he did not think that one in 1,000 members of the public knew the difference between the two. He would not agree that the vast majority of public analysts agreed on a definition of vinegar or that a purchaser should be given malt vinegar when vinegar was asked for.

Mr. William Lincolne Sutton, F.I.C., public analyst for Norfolk and Suffolk, said he regarded non-brewed vinegar as an alternative type of condiment and in no way a spurious article. He thought the decision came to by the Society of Public Analysts regarding the definition of vinegar was too restricted.

Mr. Adrian J. Lickorish, public analyst for the City of London, said he saw no reason why the acetic type should not be sold as "vinegar" or "table vinegar" as long as it was not labelled "malt vinegar." He would not agree with a definition written twenty-five years ago that properly purified non-brewed vinegar was not objectionable physiologically, but it was improper to sell as vinegar. People usually received the acetic type when they asked for vinegar.

Addressing the Committee, Mr. Swan said that in the case of most foodstuffs there was an accepted standard, so that the Court had some guidance. In the case of vinegar there was no legal standard as to the nature and substance. Bills had been promoted in Parliament to put the matter on a proper footing, but they had lapsed, and there were obviously two schools of thought over the matter. His lordship had therefore been called upon to decide the controversy. He contended the Statute was never designed to decide a question of this nature. An obvious course to have been taken by the malt vinegar manufacturers was to take proceedings under the Merchandise Marks Act for a false trade description. Now they had sought by a hole and corner method, and the purchase of half a pint of vinegar in a fish shop, to settle this vital controversial point. The Committee would have to decide, "Does the expression 'table vinegar' necessarily mean malt or brewed vinegar?" It was essential in the case of a penal statute that it should be "necessarily." An article

demanding meant an article commercially known under that name. He asked the Committee to find as a fact that the public had for a considerable number of years asked for and bought this quality and description of vinegar by the name "vinegar" or "table vinegar." He submitted that a customer could not contend he had not received vinegar if he asked for it and received the non-brewed type. There was abundant evidence of the differentiation in trade terminology with regard to the description of non-brewed vinegar. It would be unfair to conclude that when a purchaser went to a shop and asked for table vinegar—by which name millions of bottles had been sold to the public—that he only meant he wanted malt vinegar.

JUDGMENT

The Committee retired. In announcing their decision the chairman said: "The Committee desire to thank counsel on both sides and the expert witnesses on both sides for their very valuable assistance they had given them in arriving at a decision in this rather difficult case. The Committee cannot agree with Mr. Swan's contention that the words 'table vinegar' have become a term of art and are, by a custom of the trade, in this case used to denote what may be termed synthetic vinegar. The fact that a very large majority of manufacturers add such words as 'wood,' 'non-brewed' or similar words of that description to the product, shows in the opinion of the Committee that the words 'table vinegar' are not considered by a custom of the trade sufficient to describe it. The Committee are satisfied on the evidence that the substance sold as vinegar or table vinegar without any qualification or explanation as to its origin being given by the seller to the purchaser implies that the substance sold is produced by the process of fermentation. The substance demanded by Mr. Gray was half a pint of table vinegar. The substance sold to him was admittedly a synthetic product, and it is not suggested that the seller gave him any information about the substance he sold as table vinegar. It follows that, for the reasons we have given, the article sold to him was not of the nature, quality or substance demanded, and in our view in such circumstances was clearly sold to him to his prejudice. The appeal must therefore be dismissed with costs. The chairman agreed to state a case if asked, and assessed the costs at 75 guineas."

Business Changes

ALLEN & HANBURY, LTD., inform us that Mr. F. J. Hanbury, Ph.C., is retiring from the chairmanship on June 30, but is remaining on the directorate. Mr. F. Capel Hanbury, Ph.C., has been elected chairman of the company, and Mr. F. W. Gamble, Ph.C., vice-chairman. (See "Personalities.")

MR. WILLIAM DOIG, whose partnership with Mr. John Lyall Doig, under the style of William Doig & Sons, was dissolved by mutual consent on May 28, will continue the business at Robertson Place, Newport, on his own account, but still under the style William Doig & Sons.

MR. N. BEST, chemist and druggist, has acquired the Lusi-ness of Mr. J. B. Stocks, chemist and druggist, 17 Manningham Lane, Bradford. All accounts up to June 12 should be sent to Mr. Best at 1 Drewton Street, Bradford.

MR. R. TAYLOR, chemist and druggist, 53 Albert Road, West End, Morecambe, has opened a branch on the promenade almost opposite the West End Pier.

THE pharmacy of the late Mr. C. S. Addison, chemist and druggist, 48 Chase Side, Southgate, London, N.14, will be discontinued as from June 26.

MR. W. T. MACINTYRE, chemist and druggist, at present trading at 13 Hill Street, Crieff, is removing to larger premises at 35 High Street.

MR. R. C. IRVING has been appointed a director of Molinelle (London), Ltd., perfumers, 4A Rathbone Place, London, W.1.

FERRIER & SON, chemists, 2 Hilltown, are removing shortly to new premises at 28 Victoria Road, Dundee.

MR. T. EDGAR MELLOR, chemist and druggist, has opened a pharmacy at 8 Market Street, Leicester.

Company News

P.C. means Private Company and R.O. Registered Office

BATHO, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as manufacturers of and dealers in cleaning and scouring powders, materials and soaps of all kinds, etc. Thos. E. Forgan, Belle Vue House, Gordon Road, Bristol, 5, director. R.O.: 86 Gordon Road, Bristol, 5.

EBE PRODUCTS, LTD. (P.C.).—Capital £5,000. Objects: To acquire the business of beauty specialists carried on by Ebe, Ltd., in liquidation. Svend A. Dohm, 3 Gressenhall Road, East Putney, S.W., director. R.O.: 11 Diana Place, N.W.1.

LESLIE WALKER, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as wholesale and retail chemists and druggists, etc. The first directors are to be appointed. R.O.: 33 High Street, Barton-on-Humber, Lincs.

ASSOCIATED CHEMISTS (LANCASHIRE), LTD. (Public Company).—Capital £10,000. Objects: To acquire the business of wholesale and manufacturing chemists recently carried on by J. M. Fairbairn, Ltd., of Fleming House, St. Peter Street, Blackburn. The directors are: Isaac Stout, 149 Elliot Street, Tyldesley, chemist; Wm. H. Stopforth, 28 Chapel Street, Chorley; Samuel Briggs, 119 Buncer Lane, Blackburn; Walter A. Whorrod, "Tai Pin," Longsight Road, Clayton-le-Dale, near Blackburn.

DROITWICH SPA (SUBSIDIARY), LTD. (Public Company).—Capital £100,000. Objects: To carry on the business of chemists, druggists, dentists, and opticians, manufacturers of and dealers in salts, acids, alkalis, drugs, medicines, etc. The first directors are to be appointed. Solicitor: Thomas W. O. Wheeler, 24 Martin Lane, Cannon Street, E.C.

SANGER'S, LTD.—Final dividend of 16½ per cent., making 25 per cent. for the year to March 31 last, plus a share issue on bonus terms of one ordinary share in 10 to be issued at 10s. each with definite rights to shareholders registered on June 2, 1937, and participating in profits as from April 1, 1937, all fractions being excluded. The total dividend for the previous year was at the same rate.

VIROL, LTD.—The directors report gross trading profit amounting to £151,434, against £130,936 for 1935-36, and the net profit to £22,390, against £11,475. The directors again propose to pay a dividend of 10 per cent. on the ordinary shares. Stocks, debtors, investments and cash amount to £240,000, against sundry creditors of £51,000. It is stated that the accounts of Ambrosia, Ltd., in which Virol, Ltd., holds a substantial interest, show a further successful trading period with a widening demand.

A. J. WHITE, LTD.—Report for the financial year to March 31, 1937, shows a net profit of £47,515 12s. 5d. (£45,958 last year), which, with £36,358 19s. 9d. brought forward, makes a total of £88,874 12s. 2d. The directors recommend the following allocations: Final dividend of 7½ per cent. (£26,250), which, with interim payment at the rate of 5 per cent. (£17,500) already paid, makes a total dividend for the year of 12 per cent. The balance of £40,124 12s. 2d. is carried forward. The 100,000 bonus shares issued last year rank for dividend of the past twelve months.

VITAMINS, LTD.—Profits, after depreciation, for the year ended March 31 amounted to £28,017 (against £23,948 for 1935-36), out of which £7,055 (against £6,277) is provided for income tax, while interest on the six per cent. income debenture stock for the period April 1 to November 30, 1936, absorbed £2,107. It is proposed to transfer to general reserve £5,301 and to pay a dividend on ordinary shares at the rate of 20 per cent. (2.4d. a share) against 10 per cent. for 1935-36, leaving a balance to be carried forward of £2,680 (against £795 brought in). Interests in subsidiaries stand at £25,650, and debtors, cash, and stock at £29,716; current liabilities amount to £27,115. The whole of the income debenture issue, amounting to £75,000, was paid off during the year. The debenture sinking fund of £4,699 is therefore no longer required, and this sum, with a further £5,301, appropriated from the past year's profits, has been placed to a general reserve account, which thus amounts to £10,000. The premium of £26,600 received on the issue of shares, less the expenses of the issue, has been placed to a capital reserve account.

Items in Parliament

REVISION OF COMPANIES ACT

The President of the Board of Trade was asked when he proposed to set up a departmental committee to inquire into the need for a revision of the Companies Act, 1929?

Mr. Stanley: I cannot add to the statement on this subject which was circulated by my predecessor in the Official Report of November 17, 1936, except that the Departmental Committee on Share-pushing, foreshadowed in that statement, has since been appointed. I am sending the hon. Member a copy of the statement in question.

MARKETING OF PALESTINE CITRUS

The Secretary of State for the Colonies was asked whether the new Colonial Marketing Board would concern itself with the marketing of produce of mandated territories within the British Colonial Empire, and whether it would be able to assist the marketing of Palestine citrus in particular?

Mr. Ormsby-Gore: The answer to the first part of the question is in the affirmative. As regards the second part of the question, it would be within the competence of the board to deal with the marketing of Palestine citrus, but it will be for them to settle their own programme. I clearly cannot commit them in advance.

HOLIDAYS WITH PAY

The Minister of Labour was asked whether the committee which His Majesty's Government had set up to inquire into the questions of holidays with pay would investigate the practical questions involved in the ratification of the International Labour Convention on that subject; and whether, if the committee reported favourably, the Government would ratify the Convention and introduce the necessary legislation to give effect to it?

The Minister of Labour (Mr. Ernest Brown): Until the committee has reported I am not in a position to make any statement as to the action which the Government may take.

DUTY ON ADVERTISING MATTER

The Financial Secretary to the Treasury was asked whether he was aware that the duty imposed upon advertising matter for which no charge is made was vexatious to business interests, and whether he would take steps to have this matter reconsidered with a view to providing that small quantities of advertising matter, having little or no intrinsic value and supplied without charge, should be regarded as having no value for duty purposes?

Lieut.-Col. Colville: The extension of the present exemption in favour of advertising matter is primarily a question for the Import Duties Advisory Committee. Advertising material which is not within the exemption, and therefore liable to duty *ad valorem*, must, of course, be valued in accordance with the statutory definition of value.

SCIENTISTS ON MINISTRY OF HEALTH STAFF

The Minister of Health was asked how many scientists were at present employed in the Ministry, and how this figure compared with that of 1930?

Sir K. Wood: On April 1, 1937, the scientific staff of the Ministry other than the medical and dental staffs totalled 13. This figure included a chemist, chemical inspector, alkali inspectors and pharmacists. The corresponding figure at April 1, 1930, was 13. The medical and dental staffs at the same dates were respectively:

	1930.	1937.
Medical staff	104	105
Dental staff	12	16

In addition, the Department's establishment in both years included a post of serologist, which was temporarily vacant on April 1 last and will shortly be filled.

Gazette

Bankruptcy Acts

ADJUDICATION

BARRETT, G., 44 Market Street, Paddock, Huddersfield, chemist.



127 - YEAR - OLD DUNDEE FIRM.—Original pharmacy of Johnston & Adams, Ltd., Dundee (from a coloured drawing). See *C. & D.* March 20, p. 325 and June 12, p. 667.



BUSINESS AS USUAL.—A barricaded Madrid shop over which the extemporised sign reads "Trade as Usual in this Pharmacy-Perfumery."

NEWS in PICTURES



LONDON CHEMIST GOLFERS.—Group and close-up of members assembled at the Sevenoaks meeting on May 27. (See page 691.)



[Photos]

[Cleworth]

MANCHESTER BEATS LIVERPOOL.—Manchester Pharmaceutical Golfing Society, winners of the Gibbs trophy in a match against Liverpool golfing pharmacists. Right: Liverpool captain (Mr. Williams) congratulates Manchester captain (Mr. Cromack). (See page 691.)

Trade Notes

VETERINARY PRODUCTS.—Colbit, Ltd., Fairfield, Manchester, have begun a regional campaign for the Leicester and surrounding districts to further sales of Sulfluid veterinary products. We have recently received a specimen wallet of new literature, including window bills and full details of their advertising campaign which are being sent to chemists. A new insecticide under the title of Colbitol powder is to appear on the market. Messrs. Colbit manufacture numerous other horticultural products, including worm and weed killers, lawn sand, slug destroyers, etc.



ILFORD, LTD., Ilford, have issued a new edition of their price list of photographic materials and accessories for amateur photographers. A copy is obtainable free on request.

OUTING.—The offices and warehouse of C. J. Hewlett & Son, Ltd., 35-42 Charlotte Street, London, E.C.2, will be closed on July 3 on the occasion of their outing to Hastings.

SUMMERTIME CLOSING.—The Cheshbrough Manufacturing Co. (Cons.), Victoria Road, Willesden, London, N.W.10, inform us that their factory, warehouse and offices will be closed on Saturdays during June, July and August.

LILIA SOLUBLE TOWELS.—T. J. Smith & Nephew, Ltd., Neptune Street, Hull, invite chemists who do not at present stock Lilia to send an opening order direct and mention the name of their wholesaler. At the same time, they will send a copy of their new summer showcard to assist sales.

LIVER THERAPY.—Glaxo Laboratories, Ltd., Greenford, Middlesex, have sent us a brochure directing attention to the new liver product Examen, which is given parenterally. This preparation is issued in ampoules of 2 c.c. in boxes of three and six. Each 2 c.c. ampoule contains in an average of only 10 to 15 milligrammes of solids, the hæmopoietic factor extracted from 100 grammes of fresh liver. Examen is protein-free and causes no allergic reactions after injection. The booklet gives full details of this product and may be had on application.

ORGANIC CALCIUM.—We have received from Evans' Biological Institute, Runcorn, Cheshire, a pamphlet which gives particulars of Percalcin, a concentrated solution of calcium in organic combination for intravenous or intramuscular use. It is stated that 5 c.c. of this highly concentrated product contains the equivalent of 0.2 gramme of calcium hydroxide, that is $2\frac{1}{2}$ times as much calcium as a 10 per cent. solution of calcium gluconate. Further details may be obtained on application.

NEW ASPIRIN PRODUCT.—Whites Laboratories, Ltd., Thames House, Westminster, London, S.W.1, have introduced Aspergum brand aspirin, which consists of tablets to be chewed.



The object is to promote rapid absorption of the aspirin, thus ensuring speedy action. It is pleasantly flavoured. This product is issued in packages containing sixteen tablets. Aspergum is especially useful for throat affections, as when thoroughly mixed with the saliva the aspirin comes into direct contact with the throat without the pain and discomfort which is associated with gargling with an aspirin solution. Hospital size packing containing 250 tablets is also available.—FEEN-A-MINT, which is also prepared by Messrs. Whites Laboratories, Ltd., is subject to a three weeks' special bonus offer to the public. Each purchaser of a package of Feen-a-Mint will also receive a free packet of Aspergum. Full details are given elsewhere.

RU-VIVE BATH SALTS have been introduced by Ru-Mari, Ltd., First Avenue House, High Holborn, London, W.C.1, and are described as medicated tonic bath salts of exceptional merit and of value in conditions of bodily fatigue, lack of energy, for slimming purposes, etc.



ATTENTION is directed by Lysol, Ltd., Raynes Park, London, S.W.20, to the closing date of the bonus offer and display contest in connexion with Marshall's lysol. A bonus offer is made of 14 to the dozen and the prizes in the chemist's window display contest are £25 for the first prize, £15 and £5 for the second and third, and ten consolation prizes of £1 each. Attention is also directed to Hinds honey and almond cream for sunburn which is offered at advantageous rates. Further details are given elsewhere in this issue.

DAY AND NIGHT SERVICE.—Genatosan, Ltd., Loughborough, Leicestershire, recently announced that from June 1 a London depot day and night service for bacteriological products only would be maintained at John Bell & Croyden, 50 Wigmore Street, London, W.1. A new brochure on vaccine therapy which has recently been published by Messrs. Genatosan may be obtained from the new London depot or direct.

WINDOW DISPLAY RESULTS.—The Westminster Laboratories, Ltd., 4-12 Palmer Street, Westminster, London, S.W.1, who held a simultaneous window display of Brooklax recently in eight districts in London, inform us that practically all chemists to the number of fifty-five took part in the competition. First prize of two guineas was awarded to Mr. B. Wathon, and the second and third prizes of one guinea each to Breezes Pharmacy, Ltd., and Mr. J. J. Yardley.

A PREPARATION described as Viv is issued by Richardson & Starling, Ltd., Swan Lane, Winchester, in bottles of one size only, which is sufficient for one month's treatment. It is intended to be used in the treatment of varicose veins, ulcers, varicocele, hæmorrhoids and phlebitis. Further details may be obtained on application.

NEW PARKE, DAVIS PRODUCT.—Gluco-Fedrin is the name applied to a non-oily preparation of ephedrine, chlorotone and menthol for application to the nose and throat. The dextrose solution base is suitable for use in a nebuliser, but a dropper is also provided with each bottle to facilitate direct introduction. This product is issued in vials of 10 c.c. by Parke, Davis & Co., Beak Street, Regent Street, London, W.1.

ILLUSTRATED on this page is a display outer containing the new size of milk of magnesia tablets issued by Proprietary Agencies, Ltd., 179-181 Acton Vale, London, W.3. Each box contains 12 tablets, each of which contains the equivalent of one teaspoonful of milk of magnesia. This substance is of value for its anti acid properties and acts also as a mild laxative.



SQUIBB MEDICAL PRODUCTS.—Savory & Moore, Ltd., 61 Welbeck Street, London, W.1, who are the sole distributors for E. R. Squibb & Sons, New York, announce the active sales promotion of Squibb medical products. Further details are given elsewhere in this issue, and a price list of both the medical and household specialties will soon be posted to every pharmacist.

HOT-WATER BOTTLES.—The Cannon Rubber Manufacturers, Ltd., Cannon Works, 5a Welbourne Road, Tottenham, N.17, direct attention to Dolphin hot-water bottles which are manufactured in three colours and are fully guaranteed. They are offered only to the trade at attractive rates.

Births

Notices for insertion in this column must be properly authenticated.

TRETT.—At Melton Nursing Home, on June 15, Gladys, wife of F. Wesley Trett, M.P.S., 18 Thoro'fare, Woodbridge, Suffolk, of a son.

Marriages

HOWELLS—OWEN.—At the Presbyterian Church, Rhyl, on June 1, Sidney H. Howells, M.P.S., to Gwendoline Owen.

HUDSON—ANDREW.—At Hall Green Baptist Chapel, Haworth, Keighley, recently, Harry Hudson, M.P.S., Skipton, to Mary Andrew.

MACNAB—MASON.—At Christ Church, Woburn Square, London, W.C.1, on May 22, Ronald Hewlett Macnab, B.Pharm., Ph.C., London, to Hannah Mary Mason, B.Pharm., Ph.C., Abertillery.

WILLIAMSON—LYONS.—At the Friends' Meeting House, Chelmsford, on June 7, Robert Bonner Williamson, M.P.S., to Anne Lyons.

Silver Wedding

GRIFFIN—PETERS.—At the Congregational Church, Bath, on June 12, 1912, A. Sercombe Griffin, M.P.S., The Church Road Pharmacy, Weston-super-Mare, to G. Dorothy Peters, Devonshire Buildings, Bath. Present address:—"Wingaba," Winscombe, Somerset.

Deaths

BELL.—On June 10, Elsa Emelia (*née* Kurtz), the wife of Mr. Charles Bell, managing director, Chas. Zimmermann & Co., Ltd., 9 and 10 St. Mary-at-Hill, London, E.C.3. The funeral took place privately at St. Luke's Cemetery, Bickley, Kent, on June 14.

COLLINSON.—On June 9, Mr. Frederick William Collinson, M.D., 32 Winckley Square, Preston, aged eighty-four. Before becoming a medical man, Dr. Collinson was a pharmaceutical chemist.

HANBURY.—At his London residence, on June 10, Sir Cecil Hanbury, M.P., aged sixty-six. Sir Cecil Hanbury was the eldest son of the late Sir Thomas Hanbury, and was knighted in 1935. He became a partner in Ward, Hanbury & Co., China merchants, London and Shanghai. His world-famed garden at La Mortola, on the Italian Riviera, was described in our Special Issue of July 10, 1926. In accordance with his desire to maintain its scientific character he arranged with the Director of the Royal Botanic Gardens, Kew, several years ago, an exchange of students between the two gardens, an arrangement which has continued with excellent results. At the memorial service, held at St. Margaret's Church, Westminster, on June 14, the Duke of Connaught, the Lord Chancellor, Earl Baldwin and Signor Mussolini were among the distinguished persons represented.

HODGE.—Recently, Mr. William Duncan McEwen Hodge, chemist and druggist, Plumstead Road, Greenwich, London, S.E.18. Mr. Hodge qualified in 1916.

LEITCH.—At Greenlaw, on June 9, Mr. David Leitch, J.P., retired chemist and druggist. Mr. Leitch qualified in 1891.

PAYNE.—At Larkhall, on June 2, Mr. James Payne, M.P.S., aged forty-eight.

REEVE.—Recently, Mr. Thomas Lewis Reeve, retired chemist and druggist, Beech Lawn, Solihull, formerly of 18 New Street, Birmingham, aged eighty-nine. While he was in business, Mr. Reeve's proprietary articles attained a wide reputation. He retired some years ago.

SPENCER.—At Stratford-on-Avon, on June 14, Mr. Frederic Downing Spencer, M.R.C.S., L.R.C.P., chemist and druggist, aged sixty-six. Dr. Spencer obtained his medical qualifications in 1920, and retired last year.

STOKES.—On June 10, Mr. E. W. Stokes, representative for Ava Ltd., 9 Park Hill, London, S.W.4, in the Eastern Counties since 1929.

Personalities

DR. J. LEON LASCOTT, the well-known pharmacist of New York City, U.S.A., has been awarded the Remington medal for 1936.

W. BRO. F. T. ROPER, M.P.S., Kington, P.-M. Arrow Lodge 2240, has been installed Junior Warden in the Provincial Grand Lodge of Herefordshire.

MR. J. A. SULLIVAN, M.P.S., Four Ends Lane, Bradford, has recently been elected chairman of the local Branch of the Pharmaceutical Society. Mr. Sullivan, who was educated at St. Bede's Grammar School, Bradford, was studying for the Minor examination at the Leeds College of Pharmacy, but joined the Army before qualifying. He served in France in the Royal Engineers and was twice wounded, resulting in disablement and discharge. Upon returning to civil life, though unqualified, he purchased a pharmacy at Four Lane Ends, Bradford. As the years passed he felt he did not want to remain for ever unqualified, and so began to tackle the much enlarged syllabus of the Society, and achieved his goal in April 1931, just fifteen years later. Since qualifying he has taken a keen interest in the work of the local branch of the Society and that of the National Pharmaceutical Union.



MR. J. A. SULLIVAN

MR. F. J. HANBURY, Ph.C., is retiring from the chairmanship of Allen & Hanburys, Ltd., Bethnal Green, London, E.2, on June 30, but is remaining on the board of directors (see "Business Changes"). Mr. Hanbury, who celebrated his eighty-seventh birthday on May 27, is the elder and only surviving son of the late Mr. Cornelius Hanbury. He passed the Major examination of the Pharmaceutical Society in 1872, and in the same year won the Society's silver medal in its herbarium competition. His herbarium, then consisting of about 700 items, has since expanded to a collection numbering 70,000 specimens. On completing his studies for the Major examination (in which, as in the Minor, he passed first in honours), he entered his father's pharmacy in Plough Court, E.C.3; two years later he was taken into partnership. The manufacturing side of the business was eventually separated from the retail and removed to Bethnal Green. In 1914 Mr. Hanbury was elected vice-chairman of the company into which the firm had been converted, and on his father's death he became chairman. Mr. Hanbury enjoys wide fame as the owner of a remarkable garden at Brockhurst, described in THE CHEMIST AND DRUGGIST, 1915, II, 158; he was joint author of "The Flora of Kent" (1899), edited four editions of "The London Catalogue of British Plants," and has published other botanical lists, sometimes at his own expense. For fifty-six years he has been a churchwarden at the Church of St. Edmund, King and Martyr, Lombard Street, E.C.2, and during most of that time has been actively interested in Gregorian music.



MR. F. J. HANBURY, Ph.C.

For
SUNTAN
without
SUNBURN

recommend
LOTIL SUNTAN LOTION

2 ozs, 1/3, 4 ozs. 2/- retail.

JOHN BELL, HILLS & LUCAS LTD.,
Oxford Works, Tower Bridge Road, London, S.E.1

HALIBUT-LIVER OIL
IN BULK

H. R. NAPP LIMITED,
3 & 4, CLEMENTS INN, LONDON, W.C.2.

Felsol (Regd)
BRAND
POWDERS

for
Asthma

Continuous Propaganda conducted
with the Medical Profession.

P.A.T.A. terms upon request.

BRITISH FELSOL COMPANY, LTD.
15 CAROLINE STREET, LONDON, W.C.1

RECOGNISED OPTICAL QUALIFICATION

The next examination for the Fellowship Examination of the National Association of Opticians will be held at Birmingham on August 3rd, 4th and 5th, 1937. Last date of entry, July 5th.

REVISED SYLLABUS. &c.

SECRETARY, N.A.O. 130 Princes Rd., Liverpool 8

"Ty-phoo"

is the tea which doctors throughout the country are now recommending to patients with whom ordinary tea disagrees.

"TY-PHOO" IS
"THE BEST PAYING LINE IN THE TRADE"
(20% on selling price)

Applications invited for sample and terms
Sumner's "Ty-phoo" Tea Ltd., Birmingham
(Not connected with any other House)

EXTRA
RECTIFIED **ALCOHOL**
FOR
Write for Prices **PERFUMERY**
JAS. BURROUGH Ltd. 1 Cale Distillery,
LAMBETH, S.E.11

For all grades of Olive Oil write for
samples and prices to
CRODA LTD.
GOOLE, YORKS

Olive Oil

ALL GRADES

PHONE RAWCLIFFE 40 & 41
GRAMS: CRODA, GOOLE

Wyleys

COVENTRY

● BISMUTH AND MAGNESIA TROPELS

(Registered)

Containing Bismuth, Magnesia, Pepsin, Bicarbonate of Soda and Peppermint. 7 lbs., 2/9 per lb.; 14 lbs., 2/8 per lb.; 28 lbs., 2/7 per lb.; 1 cwt., 2/6 per lb.

Envelopes and Cartons free with all orders.
Handsome coloured showcards on application.

● ELIXIR MANDELIC (WYLEYS)

A concentrated palatable elixir containing in two fluid drachms the equivalent of the full therapeutic dose (3 Gm.) of Mandelic Acid.

For the treatment of urinary infections. Ensures the maximum bacteriostatic effect with the minimum of discomfort to the patient.

Dose: Normal adult dose is 2 fl. dr. diluted with 2 fl. oz. of water four times daily. The total liquid intake should not exceed two pints. No Ammonium Chloride is required. In bottles containing a week's treatment.

Retail price: 12/6 each; wholesale price: 9/-.

On the "Chemists' Friends" List

THIRD EDITION PRACTICAL PHARMACEUTICAL CHEMISTRY

By F. N. Appleyard and C. G. Lyons. A systematic practical course in pharmaceutical chemistry for students preparing for the Qualifying Examination of the Pharmaceutical Society. 159 pages. 6/6 net (by post 6/11).

PITMAN, PARKER ST., KINGSWAY, LONDON, W.C.2

OPTICAL TUITION

FOR THE

S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations

Particulars:—

G. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

B/15. Birillogen	B/16. Readipack cotton wool
B/15. Curedent K.D.	B/86. Stuart Lyle's Worming
O/15. Faith Eden's bath salts	Mixture for cattle
B/16. Hygex puffs	M/16. Styla brand peptone injection

THE CHEMIST AND DRUGGIST

VOL. CXXVI

June 19, 1937

NO. 2993

N.H.I. Chemists' Contracts

A COMMENT appeared on this page last week concerning the successful result on behalf of doctors of the inquiry regarding remuneration of insurance practitioners. It can presumably be taken for granted that the doctors' remuneration is settled for some little time to come; and, as a point of interest to chemist contractors under the scheme, there are certain deductions to be made in presenting the case for more adequate remuneration. One of the most striking points which emerges from the recent inquiry into the doctors' capitation fee is the painstaking nature of the investigation by the British Medical Association over a period of years. This investigation has been directed to the collection of valuable information from medical contractors in various localities regarding the nature of the work undertaken. Chemists are entitled to know whether or not any similar scheme has been carried out on behalf of chemist contractors. For example, the following questions which are suggested as a result of reading the evidence put forward on behalf of medical practitioners may well be raised by the chemists with their official representatives:—

(a) Has there been compiled a list of chemists' businesses in different parts of the country, rural or urban, which shows the N.H.I. turnover and the cost of the work?

(b) What relation does the work spent on N.H.I. dispensing bear to the whole amount of work done in the average chemist's shop? Obviously, the proportion of the total overhead costs which should be charged to the N.H.I. section of the establishment must be included.

(c) What percentage of the total service rendered under the contract including both time and money is spent in (1) actual compounding, and (2) the handing out of factory-packed drugs and medicines?

(d) How does the amount of extempore dispensing done now compare with that of, say, 1920?

(e) Do up-to-date figures exist showing for each class of prescription a standard compounding time?

If any serious effort is to be made to improve the chemist's financial position as N.H.I. contractor, and if he is to have the same treatment (as he is justly entitled to expect) as a medical practitioner, then it is not too late for the official representatives of pharmacy to start securing the necessary information. It is, of course, possible that the National Pharmaceutical Union is working on these lines, but it would be interesting to have the assurance that the Union is in fact doing so. If the chemist is to obtain adequate remuneration for his work in dispensing medicines and supplying appliances for the insured population of the country and for the additional entrants, as outlined on this page last week, facts must be produced to show that the chemist's remuneration is not only inadequate but is based on a contract which can only be described as ludicrous. Owing to the many advances in scientific knowledge, there are specialised methods of treatment now in being which were never dreamt of when the present scheme was inaugurated. There is no reason to believe that such special

methods of treatment have ended at this date. Further, the insurance scheme applies to an ageing population. It is common knowledge that the number of persons over sixty-five for whom medical treatment is provided is growing steadily, and more medical treatment must be available for the older people. It is an easy step from expansion of medical treatment to expansion of work required from the chemist, for it is he who applies the theory of treatment through material drugs and appliances. It is a disturbing factor of pharmaceutical affairs that so much work has to be done as it were underground, and the results come to the surface only when it is too late for chemists to protest.

If National Health Insurance is to continue and perhaps to grow in the scheme of social welfare, obviously a strong stand must be taken by the official representatives of pharmacy to see that adequate payment is made. The chemist of to-day has been jostled out of so many of his rights that the time has come for him to insist upon just payment for services well rendered.

Trade Figures Still Increasing

It was anticipated that with two national holidays in the month the Trade Returns for May would be slightly less than those of preceding months, yet, despite the loss of two trading days the aggregates show a slight increase. Imports of all classes of merchandise are up by four million pounds on May, 1936, and are nearly one million more than in April, 1937. Our exports and re-exports for the month show an increase of over eight million pounds compared with the value of shipments in May, 1936, and are rather more than that of the monthly average for this year. On the five months' trade, imports are up by over £59,000,000, and exports and re-exports by more than £37,000,000, compared with the figures of a year ago. The one weak spot continues to be the persistent growth of our debit trade balance, which for January–May stands at no less than £154,362,778. If this adverse balance continues to increase at this rate, the value of our exports will be little more than half that of our imports for the full year, with a balance of over £300,000,000 on the wrong side of the ledger.

	All Classes of Merchandise	Imports	Exports of U.K. Goods	Total Exports, including Re-exports
		£	£	£
May, 1937	83,131,125	42,732,641	50,125,335	
" 1936	69,136,264	36,396,327	42,030,881	
" 1935	64,528,697	35,206,862	40,766,622	
January–May, 1937...	394,631,480	206,857,743	240,268,702	
" 1936...	335,459,958	175,852,585	203,244,256	
" 1935...	302,072,560	173,578,041	197,219,022	

The returns for our international trade in "Chemicals, Drugs, etc." during May are equally as satisfactory as those recorded for the preceding months of this year. Imports show a drop of about £160,000 compared with April, 1937, and an increase of some £82,000 on May, 1936. Exports and re-exports are well maintained up to the monthly average for this year and show an increase of about £329,500 on May, 1936. For the five months, our shipments reached the good total of £10,480,000 (nearly

double the value of our imports), thus giving a credit trade balance of £5,122,000. The chief imports from Empire countries were Canada, £257,065; South Africa, £169,437, and India, £85,937. The leading foreign suppliers of "Chemicals, Drugs, etc." were Germany, £1,574,477;

£67,494, compared with £2,005 in the corresponding period of 1936.

The New N.D.C.

THE substituted tax, the draft of which has been issued, is a direct charge upon the profits made by companies and firms but not of professions and most public utility undertakings, and the rates proposed are 4 per cent. for individuals and firms and 5 per cent. for companies, with certain rebates and allowances. The tax will not operate unless the profit in one year exceeds £2,000. Its operation will not involve complicated calculations and the assessment will be based on balance sheets as made up for ordinary income tax purposes. With but one small exception it is a revival, of a temporary nature we hope, of the Corporation Profits Tax of 1920. If this further taxation of industry is considered the least harmful method of raising the money to meet the cost of re-armament during the next five years, the new proposals certainly achieve that object in an equitable and simple manner. This additional burden, which will be allowed as an expense for income tax purposes, is equivalent to a net increase of ninepence on the standard rate of income tax. The estimated revenue from the second year onwards is £25,000,000, which, if past figures are taken as a guide, is the minimum amount that will be collected. The incidence of the tax will fall on holders of ordinary shares while the preference and debenture holder will escape. It is not clear whether the full profits of, or only the dividends derived from, a foreign subsidiary owned by a company domiciled in the United Kingdom will be liable to the tax. The profits of co-operative and similar mutual profit-sharing concerns will, it appears, be liable to the full incidence of the tax. The duration of the new profits tax is five years, ending March 31, 1942.

Chemicals, Drugs, Dyes and Colours	May			January-May		
	1937	1936	1935	1937	1936	1935
Imports ...	£'000 1,038	£'000 956	£'000 891	£'000 5,419	£'000 5,097	£'000 4,516
Exports of U.K. manufacture ...	2,135	1,811	1,860	10,279	8,626	8,965
Re-exports ...	37.8	32.3	34.3	201	174	154

America, £1,056,021; Switzerland, £339,828; France, £288,194, and Belgium, £243,685. The chief destinations of our shipments were: Empire countries—India, £1,275,935; Australia, £748,064; South Africa, £693,922; Canada, £482,080, and New Zealand, £354,202. Exports to foreign countries included America, £527,928; France, £419,038; China, £300,433; Argentine, £320,097, and Sweden, £249,174. Shipments of these goods to Spain so far this year total only £24,945 (average £100,000), while exports to Italy for the five months were valued at

Brushless Shaving Creams

IT has been alleged that these creams give a less-close shave than can be obtained with the old soap-brush-hot-water method, and that they blunt the razor more rapidly. The latter contention would seem to be largely a matter of correct usage of the cream and the quality of the blade, for there can be little doubt that on the whole the shave given by brushless shaving creams is less of a torture and is definitely quicker. But the fact remains that many persons are unable to obtain a satisfactory shave with a brushless cream, so that the time-honoured method cannot yet be entirely abandoned. It is possible that the strength of the beard is an important factor in dividing shavers into "brushless" and "with-brush" camps. If a brushless cream can be used it seems reasonable to expect that the facial skin will remain softer and less gnarled and wrinkled than if the soap and brush had been employed, and so far as can be gathered at present this theory is borne out in practice. Brushless shaving creams are generally prepared with a stearic acid soap base, with the addition of a suitable wetting agent such as cetyl alcohol or a combination of that substance and a fat or oil.

Importance of Acidity

Most brushless creams are acid in reaction, which is a desirable property, since it has been shown that the pH value of the normal epidermis is 3 to 5. Hence the constant use of soaps, which are generally alkaline, would appear to have an undesirable neutralising effect on the skin. As it is preferable that brushless shaving creams should be acid, it must be remembered that only those emulsifiers which are stable in acid media are available for consideration. Of these triethanolamine stearate and cetyl alcohol appear to be the most suitable for the production of brushless creams. Sapamines in combination with glyceryl monostearate may be worth a trial but the resultant cream is generally too greasy. Sapamines, which are the salts formed with acids by diethyl-amino-ethyl-oleylamide and similar compounds, are excellent wetting agents and emulsifiers for certain creams, and are suitable for use in acid solutions. The following formulas will produce excellent brushless shaving creams and will also indicate the lines on which it is advisable to work for the production of these preparations.

I					
Stearic acid ...	...	...	...	...	50
Lanette wax SX ...	...	...	...	...	6
Liquid paraffin ...	...	...	...	...	12
<i>p</i> -chlor- <i>m</i> -xylenol ...	...	...	...	...	0.2
Triethanolamine ...	...	...	...	...	6
Water ...	...	...	...	...	140
Perfume ...	...	...	...	...	0.75
Menthol ...	...	...	...	...	0.2
Carbitol ...	...	...	...	...	6

Melt the stearic acid, wax and oil together, but do not raise the temperature above 70-75° C. Add the *p*-chlor-*m*-xylenol and pour, with constant stirring, into the water and triethanolamine at the same temperature. Dissolve the perfume and menthol in the carbitol and work into the cream when nearly cold. The cream should be stirred occasionally until nearly cold after mixing the aqueous and oily liquids. Carbitol (diethylene-glycol-monoethylether), retards the drying of creams of this character and has a softening effect on the skin without being sticky.

II					
Stearic acid ...	...	...	...	...	20
Cacao butter (deodorised) ...	...	...	...	...	3
Cetyl alcohol ...	...	...	...	...	2
Glycerin ...	...	...	...	...	4
Triethanolamine ...	...	...	...	...	2
Water ...	...	...	...	...	68.5
Nipazol M ...	...	...	...	...	0.25
Perfume ...	...	...	...	...	0.25

The method of manufacture is similar to that employed for the previous formula, but the glycerin also is dissolved in the water and the nipazol M in the warm fats. The perfume should be stirred in when the cream is almost cold. The thickness (or stiffness) of either product may be varied by increasing or decreasing the percentage of water, but care should be taken not to upset the balance of the formula by so doing.

It may be mentioned that the inclusion of sodium lauryl sulphate—the chief ingredient of many soapless shampoos—has been advocated for use in brushless creams but, since lathering properties are not required, this seems unnecessary, while its properties as a wetting agent do not seem to be any improvement on those of cetyl alcohol and related compounds.

N.H.I. Ophthalmic Benefit

PROVISIONAL regulations have been made by the National Health Insurance Joint Committee and the Minister of Health, Sir Kingsley Wood, which are designed to effect improvements in the provision of ophthalmic benefit to insured persons. A Committee consisting of representatives of Approved Societies and organisations of opticians is to be set up, and this new Committee will be largely responsible for securing uniformity of administration and proper standards in the supply of glasses. Among their more important functions is the drawing up of a list of opticians to be recognised for the purpose of the supply of glasses, and, when this list is ready, insured persons who apply for ophthalmic benefit will be required to obtain their glasses from one of these recognised opticians. The Committee will also be responsible for drawing up a standard scale of charges for lenses and frames and will in due course prepare a form of application for ophthalmic benefit which will give full information to insured persons as to the procedure to be followed by them in order to obtain the benefit. The Committee will be appointed at an early date, and it is hoped that the new arrangements will be fully operative in the autumn. The new regulations do not affect in any way the right of insured persons to be examined by specially qualified doctors, but they recognise that under present conditions some insured persons will desire to have direct recourse to opticians, and accordingly they allow of this course being followed as hitherto.

Issued as National Health Insurance Additional Benefits Amendment Regulations, 1937 (H.M. Stationery Office, 2d.), the paragraphs of chief interest to chemist-opticians are as follows:—

3. As from November 1, 1937, the principal regulations shall have effect as if the following paragraphs were substituted for paragraphs (4) to (9) of article 25 thereof:—

(4) (a) The society shall, as soon as may be, adopt a scale of charges drawn up by the approved committee for the provision of optical appliances of a defined standard, which scale may include as a separate item any charge for a service rendered by an optician whether an optical appliance is supplied or not, and the society shall not make any payment towards the cost of the provision of an optical appliance if the cost exceeds that laid down in the scale.

(b) Subject as aforesaid the society shall pay the cost of the provision of any optical appliance to the extent of the cost of the provision of the necessary appliance or 15s., whichever is the less, and may pay such part, if any, of the excess of the cost over that amount as the committee of management of the society consider reasonable, having regard to the funds available at the time and the claims and expected claims of members: Provided that, where the appliance is supplied by an optician on a prescription from a medical practitioner, and the society make a payment in respect of ophthalmic examination, then the society shall be entitled to reduce by 5s. the amount which they would otherwise have paid in respect of the provision of the optical appliance.

(5) A member shall be entitled to obtain an optical appliance from any optician who is recognised by the approved committee for the purpose of the provision of optical appliances under these regulations, and shall not be entitled to obtain an appliance from any other optician: Provided that the committee of management of the society may require any member who has submitted himself to the examination of a medical practitioner under the scheme of a body or organisation which provides both ophthalmic examination and optical appliances to obtain the appliance prescribed by such practitioner from an optician associated with that body or organisation.

(6) Where a society have made arrangements which include an ophthalmic examination as part of ophthalmic benefit or in any other case where the committee, having regard to the terms of a medical certificate, so determine, the committee may require, as a condition of payment of the whole or part of the cost

of the provision of an optical appliance, that the member shall submit himself to an ophthalmic examination.

(7) Subject to the provisions of paragraph (6) the society shall not refuse a member's application for ophthalmic benefit on the ground that he desires to obtain the benefit otherwise than under the normal arrangements made by the society for the provision of the benefit, but the society shall in these circumstances be liable to pay only such sum as they would have paid if the benefit had been obtained under their normal arrangements.

(8) (a) Upon receiving an application for ophthalmic benefit from a member, the society shall issue a document (hereinafter referred to as an ophthalmic letter) informing him of the arrangements made by the society for the provision of the benefit and of his right to obtain the benefit otherwise than under those arrangements and in particular of his right to an ophthalmic examination where the normal arrangements made by the society do not include such examination, and upon receiving a notification from the member that he wishes to obtain the benefit otherwise than under the arrangements made by the society, the society shall inform him of the procedure to be followed and of the payment which will be made by the society in respect of the benefit to be so provided.

(b) The ophthalmic letter to be issued by the society shall also set out the procedure to be followed by any medical practitioner who undertakes the ophthalmic examination, where such examination is included in the arrangements made by the society, and by any optician who is concerned in the provision of the optical appliance, and a statement of the conditions subject to which a payment will be made by the society in respect of the benefit.

(c) Where a special optical appliance within the meaning of the scale of charges referred to in paragraph (4) is necessary, particulars thereof and an estimate of the cost thereof shall be forwarded to and approved by the society before the appliance is supplied.

(9) Notwithstanding anything in this article, a society shall not make any payment in respect of the provision of an optical appliance unless there is furnished to the society a specification of the lenses and a description of the frames supplied to the member and a detailed note of the amount claimed in respect of the provision of the appliance, whether from the society or the member.

"PORT SUNLIGHT NEWS."—An account of the Coronation, from the pen of Mr. F. A. Lawman, chairman of Vinolia Co., Ltd., appeared in the May issue of "Port Sunlight News."

FIRST CORONATION MUG.—Vol 2, No. 2, of "The Pestle and Mortar," the house-organ of Howards & Sons, Ltd., Ilford, includes an illustration of the first English coronation mug, that of Charles II, dated 1660. This mug is in the collection of Mr. Geoffrey E. Howard.

N.H.I. PRESCRIPTIONS ON SUNDAYS.—A questionnaire was addressed to 230 chemists' shops actually situated in the area of the Committee, and as a result the following information was disclosed:—Number of shops open on Sundays 161; the total prescriptions dispensed on Sundays during the months January, February and March 1937, was 1,878, of which 599 prescriptions had been issued otherwise than on the Sunday upon which they had been presented for dispensing. Of the 1,279 prescriptions issued and dispensed on Sundays only 111 had been marked "Urgent" by the doctors. The period covered by the inquiry synchronised with that of an influenza epidemic The population of the area, excluding persons for whom doctors are required to dispense all medicines, is roughly 250,000, so that the average is approximately one in 400 persons per quarter, or say, one in every 5,200 per Sunday. One "urgent" Sunday prescription may be anticipated for every 62,000 insured persons.—"The Journal of the Naotic."

Pharmaceutical Society of Ireland

Council Meeting

THE June meeting of the Council was held on June 8 at 67 Lower Mount Street, Dublin, Mr. B. P. Hickey (vice-president) in the chair. Other members of the Council present were Messrs. F. J. Fitzpatrick, C. Cremen, J. Duggan, P. Brooke-Kelly, M. J. Kieran, Dr. J. A. Mitchell, Messrs. M. J. Parkes, J. V. McKeever, D. Warwick, J. K. Whelehan and Miss F. M. Flood. Apologies for absence were received from Messrs. D. W. P. Boyd, J. Gleeson and J. T. Dwyer.

CORRESPONDENCE

The following letter was read from Mr. W. A. Quirke, secretary of the Waterford, Kilkenny and South Tipperary Drug Association:—

"Dear Mr. Kerr,—I am directed by the above Association to bring to the notice of your Council the following resolution passed unanimously on the motion of Mr. Teehan, Kilkenny, and seconded by Mr. McElroy, Graignamanagh, at a meeting held on the 29th ult.: 'That the Council of the Pharmaceutical Society of Ireland be requested to consider carefully the serious position of chemists and druggists due to the granting by the County Councils of licences for the sale of agricultural poisons (e.g. sheep dips) to various merchants, and that the Council of the Pharmaceutical Society of Ireland take this matter up with the Government Department concerned, with a view to the abolition of such licences as the necessity for them no longer exists.' Need I say that I feel certain that your Council will readily agree that the conditions outlined above are a grave infringement on the rights of chemists and registered druggists."

The Council directed that a reply be sent to Mr. Quirke's letter, the terms of which were approved.

A petition was received on behalf of an unqualified trader asking the Council to mitigate penalties recently imposed following prosecutions by the Society under the Pharmacy and Poisons Act. Having considered the matter, the Council declined to favour any mitigation of the penalties imposed.

REGISTRATION ITEMS

Mrs. Montague (*née* Connolly), M.P.S.I., wrote submitting marriage certificate, and requesting change of name in the Register. The application was granted.

Miss L. Bates submitted Matriculation certificate, and was granted Preliminary registration.

The following changes of address were notified:—

Mr. P. C. Cahill, M.C.P.S.I., from 444 N.C. Road, Dublin, to "Clevelands," Garville Road, Rathgar. Mr. K. A. Bowman, L.P.S.I., from 11 Westbourne Terrace Road, London, W.2, to The Medical Hall, Main Street, Bruff. Mr. W. J. Butler, L.P.S.I., from Drumkirk, Dungannon, co. Tyrone, to Butler's Medical Hall, Main Street, Birr. Miss M. M. Hunter, L.P.S.I., from 27 Marlboro' Road,

Donnybrook, to 1 Goldsmith Terrace, Bray. Mr. R. Watt, L.P.S.I., from Violet Terrace to 62 Crumlin Road, Belfast. Mr. R. Ladley, R.D., from O'Dwyer's Medical Hall, Ennistymon, co. Clare, to Medical Hall, Cloughjordan, co. Tipperary. Mr. P. Leo, R.D., from Tobernea, Kilmallock, to 12 Palmerston Place, Broadstone, Dublin.

REPORTS FROM COMMITTEES

The reports of the House, Law, and Schools Committees were submitted and approved.

On consideration of the Schools Committee's report a number of important changes in class arrangements were agreed upon.

On the motion of THE VICE-PRESIDENT, seconded by Mr. WARWICK, the following motion was passed: "That the course in Botany and Materia Medica be extended to four months, one course beginning on October 1, and the other on February 1. The fee for the course shall be £3 3s."

On the motion of THE VICE-PRESIDENT, seconded by Mr. WARWICK, it was agreed: "That the Pharmacy course be held in future from October 1 to December 31 inclusive, and from January 1 to March 31 inclusive; that students doing a revision course be only allowed to do so if there are vacancies in the classes, and that the full fee be charged for such revision course."

The following motion, proposed by Mr. WARWICK and seconded by Mr. WHELEHAN, was also passed: "That in future Chemistry courses be held as follows: One-night course from October 1 to May 31 (two hours' duration, 8 to 10 p.m., on Monday, Wednesday and Friday), to include theoretical and practical chemistry. One-day course from March 1 to June 30 on Monday, Tuesday, Wednesday, Thursday and Friday, from 3.30 to 5.30. Fees for the courses to be £8 8s." The fees for the Pharmacy course are £4 4s. for students taking out all their classes at the Society's School, and £8 8s. to others.

THE REGISTRAR (Mr. J. J. Kerr) mentioned that a letter had been received inviting the president to attend the forthcoming British Pharmaceutical Conference in July, but he understood neither the president nor the vice-president would be able to attend that month. The Council unanimously requested Mr. Fitzpatrick (treasurer) to represent the Society at the Conference.

ELECTION AND NOMINATION

Mr. M. Nicell, 28 Lower Hatch Street, Dublin, was elected a member of the Society. Mr. H. J. F. Driffin, Prospect House, Cornanure, Ballybay, co. Monaghan, was nominated for membership.

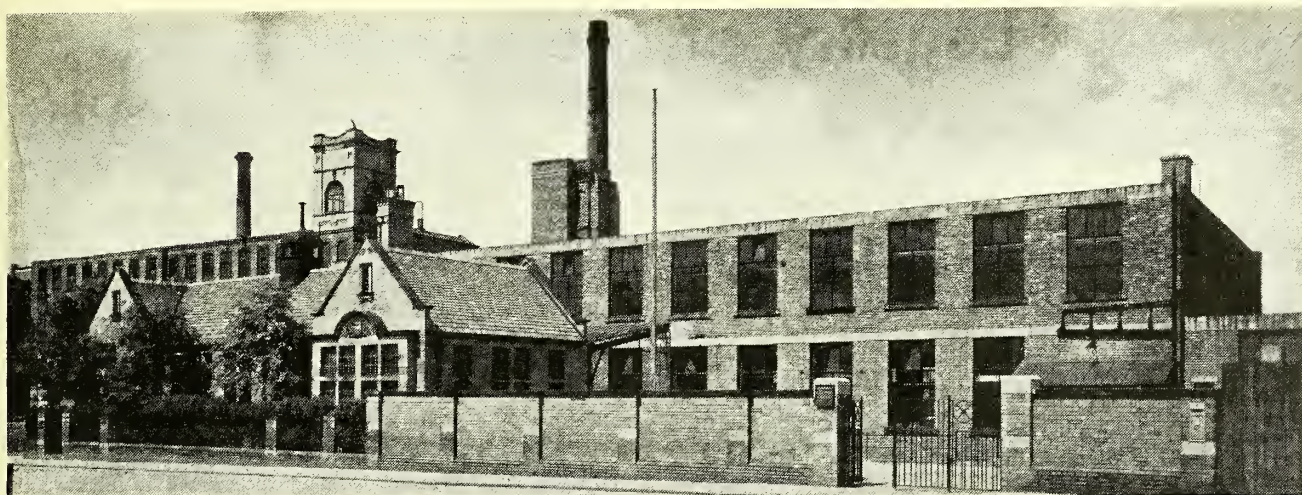
Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1937, p. 338.

(From "The Trade Marks Journal," June 2, 1937.)

- Label designs for Hewthorn's "FLUKURA," and "CUTICLENSA"; for medicated veterinary preparation for destroying fluke in sheep; for medicated veterinary preparation for horses and cattle (2). By F. Hewthorn & Co., Ltd., Cook's Road, Stratford, London, E.15. 574,460/461.
- "SULFOS"; for sulphur and phosphate fertilisers (2). By B. Bodrero, 4 rue de L'Alboni, Paris. 575,186.
- "TICKTOX"; for insecticides (2). By Marine Insecticides, Ltd., 265 Strand, London, W.C.2. 576,866.
- "WAG-RIE"; for medicated veterinary preparations for dogs (2). By Best & Co., Catherine Street, Hazel Grove, Stockport. 576,237.
- "BEONIL"; for sanitary chemicals (2) for deodorants (48). By Société des Antiferments, 8 rue des Gravières, Neuilly-sur-Seine, France. 576,692/535. (Associated.)
- "BELSOL"; for fertilisers, etc. (2). By J. C. Bottomley & Ermerson, Ltd., Elland Road, Brookfoot, Brighouse, Yorks. 576,725.
- "DOWICIDE"; for veterinary chemicals, etc. (2). By The Dow Chemical Co., Midland, Michigan, U.S.A. 576,820.

- "NUTROSAN"; for medicaments for nervous disorders (3). By The Varkoff Proprietaries, Ltd., Hipsley House, Bridge Street, Carnarvon. 570,623.
- "PYRONIL"; for medicinal chemicals (3). By V. E. J. Murray, 14 Pelham Street, London, S.W.7. 575,089.
- Label design with torchbearing figure and words "NUHEALTH HERBAL REMEDIES"; for medicated herbal preparations (3). By Nuhealth Herbal Remedies, Ltd., Allen House, Newarke Street, Leicester. 572,906. (Associated.)
- "ALEPSAL"; for medicated preparations containing phenobarbitone, belladonna and caffeine (3). By Laboratoires A. Genevriér, 45 Rue du Marche, Neuilly-Paris. 574,324.
- "NEUROXA"; for medicated preparations (3). By J. L. Toon, 2 Ireton Road, West Humbersone, Leicester. 575,801.
- "VALERPRO"; for medicinal chemicals (3). By Hough, Hoseason & Co., Ltd., Sun Buildings, Bridge Street, Manchester. 576,513.
- "VAKARA"; for laxative medicine (3). By J. Wyeth & Brother, Ltd., Oldhill Street, London, N.16. 576,707.
- Label design for "CREO-PINE"; for medicated pine pastilles (3). By Potter & Clarke, Ltd., Artillery Lane, London, E.1. 576,550. (Associated.)
- "NA-KI-DAL"; for medicated bath salt (3). By The Grosvenor Chemical Co., Ltd., 30 Westbourne Road, Penarth, Glamorgan. 576,712.
- "VELPAC"; for perfumery, etc. (48). By J. G. Baker, Old Steyne Hall, Acton, London, W.3. 572,038.
- "BRYLFIX"; for perfumery (48). By The County Perfumery Co., North Circular Road, Park Royal, London, N.W.10. 572,208. (Associated.)



A Further Expansion

IN our issue of March 2, 1935, we gave an illustrated account of a visit to the works and offices of T. J. Smith & Nephew, Ltd., in Hull, Hollinwood and London. We remarked that this extensive series of premises had developed from a chemist's business opened about 100 years ago by the founder in Whitefriargate, Hull. We are glad to recall this fact by way of congratulation to the present directors of T. J. Smith & Nephew, Ltd., on their international standing. Park Mill, Hollinwood, about half way between Manchester and Oldham, was acquired by the company in 1930 for the manufacture of cotton-wool and other products.

The New Works

We have lately been through Messrs. T. J. Smith & Nephew's latest addition to their factories, known as Lilia Works, and situated in Failsworth, on the Manchester side of Park Mill. It may, on a first glance, seem surprising that this modern, well-lighted factory of two floors and the usual clerical offices, with room for expansion upwards as well as laterally, should be allotted to the manufacture of a single product, Lilia sanitary towels; but this is clearly a case of faith being justified by works. Even so soon after the moving in, the stock, plant and containers occupy a considerable part of the available space, and the preparation of plans for extension in one or both of the directions we have indicated is probably only a question of time. As it is, this new factory relieves the pressure upon two other factories, one in London and one in Hull, each of which has a considerably larger output of Lilia sanitary towels, the demand for which has continued

steadily to increase since production first was started, about ten years ago, in Hull.

A Unique Process

The basic material, a cellulose selected for its high absorbent qualities and general suitability, is handled by deft machinery specially designed to ensure continuous production of a perfectly made product. White-clad workers supervise packing the finished goods into plain carrier bags of various colours—a convenience to vendor and customer alike—and the bags are then enclosed in their clean blue box outers. The cleanly atmosphere of the surgical dressings factory is here—as one would expect when it is recalled that the makers are also one of the world's largest manufacturers of surgical dressings, of which Elastoplast is a well-known example.

Lilia Works stands in a quiet by-road with ample space between it and surrounding properties; and although a main road, with its heavy traffic, is not far away, the workers are able to pursue their task untroubled by extraneous noise or smoke. From an early period in their history Messrs. T. J. Smith & Nephew have had an enviable reputation for looking after the welfare of the staffs in their factories, and those employed in the new works are well provided with canteen and other facilities. At the headquarters of the company in Hull an entirely new building has just been erected for the purpose; so whatever improvements in working conditions Parliament in its wisdom may see fit to enact, it will no doubt be found that they have been anticipated by these considerate and far-seeing employers.



AT THE FINISHING TABLES



A STACK OF PACKAGES

Legality of Stop Lists

By a Barrister

TO what extent is a trade protection society entitled to take coercive measures against its members, and even against outsiders, with a view to ensuring the due observance of its rules? For our present purposes we assume that the rules of any society for the infringement of which such a coercive action is taken are rules which have been framed in the interest of the members themselves and for the *bona-fide* protection of the trade. This is a matter which has engaged the attention of the Courts on more than one occasion, and which has given rise in the past not only to a great deal of political controversy, but also to several differences in judicial opinion.

The latest case, *Thorne v. Motor Trade Association*, is in itself a classic illustration of how judges may differ in their views, and how even entirely contradictory legal principles may be offered in different branches of the law. The case in itself was a test case, brought to determine whether on the one hand the criminal code or on the other hand the civil code had arrived at the proper legal view of the effect of stop lists and of demanding payment of a fine in lieu of publishing a person's name in a stop list.

According to the criminal law, such a demand constituted the offence of demanding money by menaces without reasonable and probable cause, contrary to Sec. 29 of the Larceny Act, 1916, and constituted such an offence irrespectively of the motive and object with which the demand was made. It was immaterial that the threat to publish the person's name in a stop list and the demand of a fine in lieu thereof were only done in the *bona-fide* protection of trade interests. The civil law, on the other hand, took an entirely different view. Such action was wholly justifiable if done in the *bona-fide* protection of trade interests and by necessary inference did not constitute a crime, since the civil Court held that a fine which was paid in pursuance of a demand therefor, in lieu of the publication of a name in a stop list, could not in such circumstances be recovered. The crucial case on the criminal side was the case of *R. v. Denyer*, 1926, 2 K.B. 258, a decision of the Court of Criminal Appeal; while on the civil side it was, among others, the decision of the Court of Appeal in *Hardie & Lane, Ltd., v. Chilton*, 1928, 2 K.B. 306.

A Decisive Judgment

The matter must now be regarded as having been finally concluded by *Thorne v. Motor Trade Association*, which has set its seal of approval on the civil principle, and has considered the criminal law was erroneous on this point. The facts of this case may be briefly stated. The rules of a trade association provided that "no member of the association shall supply, directly or indirectly, any trade goods to any person whose name is placed on the stop list. In case of the breach by any member of this rule the council or price protection committees shall have power to make an order that the name of such member be placed upon the stop list, unless within twenty-one days such member pays to the association a fine within limits to be laid down by the council." The validity of this rule was challenged on the ground that it transgressed Sec. 29 (1) of the Larceny Act, 1916.

The House of Lords, overruling *R. v. Denyer* and approving *Hardie & Lane, Ltd., v. Chilton*, held that the rule was valid. In their view where a demand for payment of a fine in lieu of publication in a stop list is made, and such demand is *bona fide* made in the proper furtherance of the trade association's object of promoting its trade interests, such demand cannot be said to be made without reasonable or probable cause, and accordingly it does not constitute a criminal or other offence and is perfectly legal and valid. The House considered that in such circumstances no doubt there was a demand for money and that the demand was made with menaces (the alternative being the unpleasant sanction of having one's name put on a stop list). But the third ingredient in order to constitute the offence was lacking in such circumstances, for the demand had also to be made "without reasonable and probable cause." But provided the demand was made *bona fide* with the object of protecting the trade interests of the members of the association, it could not be said to have been made "without reasonable or probable

cause." As Lord Atkin stated in his judgment:—

"If a man may lawfully in the furtherance of business interests do acts which will seriously injure another in his business, he may also lawfully, if he is still acting in furtherance of his business interests, offer that other to accept a sum of money as an alternative to doing the injurious acts. He must no doubt be acting not for the mere purpose of putting money into his pocket, but for some legitimate purpose other than the mere acquisition of money. In the present case the rules empower the council and the committees to demand sums 'within limits' as an alternative to the stop list. It is obvious that a reasonable construction of the rules leads to the inference that the intention is to deter persons in the trade from violating recognised conventions as to maintaining list prices and the like, to give the council power to preclude all traders from commerce with the offender; but to allow the council to mitigate the grave penalty of 'stop list' by substituting a money payment and an undertaking not to offend again. If the council *bona fide* exercised this power with the *bona-fide* intention only of carrying out this trade policy, in my opinion they would not be demanding the payment without reasonable and probable cause."

The decision in *Thorne's* case is clearly but the logical outcome of previous decisions in the courts on the question of what amounts to an actionable conspiracy. Had the threat to publish his name in the stop list, or the demand for payment of a fine in the alternative, been illegal, then the members of the association who made that threat or demand would have been liable to damages on the ground of conspiracy, apart from such protection as they might have enjoyed under the Trade Union and the Trade Disputes Acts.

Law of Civil Conspiracy

The law of civil conspiracy therefore is very pertinent to such questions as were raised in *Thorne v. M.T.A.* The leading decision on civil conspiracy is the decision of the House of Lords in *Sorrell v. Smith*, 1925, A.C. 700, where the following propositions were laid down:—

1. A combination of two or more persons wilfully to injure a man in his trade is unlawful, and if it results in damage to him is actionable.

2. If the real purpose of the combination is not to injure another, but to forward or defend the trade of those who enter into it, then no wrong is committed, and no action will lie, although damage to another ensues.

This second proposition, however, postulates the use of means which are not unlawful. Now violence or threats of violence, intimidation, coercion, stop lists, black lists and the like may all be regarded as means which are illegal *per se*. But in some circumstances even the employment of illegal means may be justified; such justification, however, can only exist in those cases in which the employment of illegal means has been *bona fide* adopted with the object of protecting trade interests. "Black lists are real instruments of coercion, as every man whose name is on one soon discovers to his cost" is indeed the description adopted by Lord Lindley in *Ruinn v. Leathern*, 1901, A.C. 538; but even the use of black lists has been held to have been justifiable in more than one case. They were considered to be justified in *Ware and De Freville v. M.T.A.*, 1921, 3 K.B. 40; and in *Hardie & Lane v. Chilton*; the Court of Appeal further held that a fine which had been already paid as an alternative to having one's name published in the stop list could not be recovered, the payment being quite valid in law given the demand was *bona fide* made in the protection of trade interests.

The employment of illegal means such as black lists or stop lists, for example, will, therefore, be justified where they have been adopted *bona fide* in the legitimate protection of trade interests, e.g., to prevent price cutting. But, on the other hand, they will not be justifiable, and will render the persons employing them liable to an action, for damages for conspiracy, where they have been adopted for some ulterior motive—for the purpose, for example, of injuring a person in his business by intimidating those who would otherwise have dealt with him.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, June 17

THE GENERALLY UNSETTLED international conditions and the resultant lack of confidence in markets has certainly had a marked effect on speculative business in the few Mincing Lane products that normally attract such business. The legitimate consuming trade is, however, fairly satisfactory, and re-export business has again been a feature. During the past few weeks there has been a general reaction in most of the leading commodity markets, such as, for instance, metals; but this weakness has not been experienced in drugs, which, in most cases, continue fully steady. Business in the PHARMACEUTICAL CHEMICALS markets has been none too good. The main price change to be recorded is a substantial decline in the scale for BARBITONE; the old prices had been undercut for some time.

Crude Drugs

The trade demand for these products has been on a very fair scale this week, and shipment business to near Continental countries continues satisfactory. AGAR has sold well on spot and is rather firmer and still cheap compared with shipment prices. New crop CURAÇAO ALOES is being quoted for shipment. In BALSAMS, Canada and Copaiba are firm and short on spot. Spot and forward values for BUCHU are fully steady. All the 91 cases of CARDAMOMS put up for auction last week were sold shortly after the "sale." Buyers do not appear to be satisfied that shipment offers of new crop CASCARA SAGRADA have yet touched bottom. New crop COLOCYNTH is moving slowly on spot. A little doing in DERRIS ROOT this week. ERGOT has remained dull. Sudan GUM ACACIA, although still in small demand, is fully steady for shipment. Quotations for all descriptions of HONEY are unchanged, market quiet. Shipment offers of HYDRASTIS are firm at high figures compared with spot values. Japanese MENTHOL is very steady at the source; speculative business lacking. A large consignment of Spanish MERCURY is due in London this week. OPIUM has sold well this week. Rough round RHUBARB is fully steady and selling well. SENEGA prices are being well maintained at recent advances. Alexandrian and Tinnevely SENNA are unchanged on the week. Para TONKA BEANS have been in some request at slightly cheaper prices. White grades of TRAGACANTH in quiet demand at recent values. WAXES have remained rather quiet.

Essential Oils

The volume of trade is hardly up to seasonal expectations. Prices, however, are showing no weakness. Although quiet, ANISE (STAR) is quoted unchanged. Rather more doing on spot in BERGAMOT; shipment market steady. Ceylon CINNAMON LEAF is quoted dearer for shipment. Inquiry for CITRONELLAS has been negligible, but the JAVA oil is reported firm at the source. Madagascar CLOVE is now offered for shipment at slightly less than former quotations. Algerian GERANIUM continues firm at the recent advance for shipment, and the Bourbon product is fully steady. A very limited quantity of Ho (SHIU) reported offered for shipment at high figures. Fair business on spot in Sicilian hand-pressed LEMON at full prices, and shipment continues steady but rather quiet. LEMONGRASS is more or less idle and easier forward. A steady spot sale of French Guinea ORANGE at slightly lower figures. PALMAROSA is rather cheaper, spot and forward. Japanese PEPPERMINT has met with a fair consuming demand on spot, and prices tend firmer; Japanese shippers' quotations continue firm with near bids refused. Quotations for Californian cold-pressed LEMON vary according to the brand.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	June 10	June 17
Amsterdam	Fls. to £	12·107	8·97	8·98
Berlin	Mks. to £	20·43	12·32	12·32
Brussels	Belgas to £	nominal	29·27	29·25
Copenhagen	Kr. to £	18·159	22·40	22·40
Lisbon	Esc. to £	110	109½	110½
Madrid	Ptas. to £	25·22½	nominal	nominal
Milan	Lire to £	92·46	93½	93½
Montreal	Dol. to £	4·86½	4·93½	4·93½
New York	Dol. to £	nominal	4·93½	4·93½
Oslo	Kr. to £	18·159	19·90	19·90
Paris	Fr. to £	124·21	110½	110½
Prague	Kr. to £	164·25	141½	141½
Stockholm	Kr. to £	18·150	19·40	19·40
Warsaw	Zloty to £	43·38	26	26
Zurich	Fr. to £	25·2115	21·60	21·56

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

RATHER quiet markets are reported, with the tone steady. Home makers' prices are generally unchanged. The scale of prices for barbitone has been substantially reduced.

ACETANILIDE.—Small business, market fully steady: B.P. crystals and powder, 1s. 7d. up to 1s. 10½d. per lb., as to quantity.

AMMONIUM ICHTHIOSULPHONATE.—Quoted unchanged, quiet: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10½d., in 8-oz. tins, and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN.—Makers' and dealers' prices are unchanged, average business reported; home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; 1 cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 4 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing free, net, carriage paid. Contracts, over twelve months, minimum one ton; over six months, less than one ton.

BARBITONE.—The schedule of prices has been substantially reduced, as follows: spot, two cwt., 8s. 9½d.; 50 lb., 8s. 11½d.; small parcels up to 9s. 2½d. per lb.

BENZOIC ACID (B.P.).—Continues steady, average business: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices continue steady. Carbonate, not less than one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; 4 lb., 8s.; less than 4 lb., 8s. 6d. per lb.

BORAX (B.P.).—Makers' prices steady: granulated, £24; crystals, £25; powdered, £25 10s.; extra fine powder, £26 per ton, in 1 cwt. bags, carriage paid buyers' works for minimum 1-ton lots. Extra for smaller quantities. Commercial quality, £8 per ton less for all descriptions.

BORIC ACID (B.P.).—Makers' prices continue steady: granulated, £36 10s.; crystals, £37 10s.; powder, £38 10s.; extra fine powder, £40 10s. per ton, in 1-cwt. bags, carriage paid to buyers' works on 1-ton minimum. Commercial quality, £8 per ton cheaper for all descriptions.

BROMIDES.—Makers' scales of prices steady. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, B.P., five cwt., 1s. 11d.; one cwt., 2s.; 28 lb., 2s. 3d. per lb. net. Resale clause applies, 28-lb. parcels and one-cwt. cases free. Export quotations are maintained, as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6½d.; one cwt., 1s. 7d. 1½ lb., f.o.b.

BUTYL CHLORAL HYDRATE.—Market steady but quiet: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—The scales for Continental material, duty paid, in 5-lb. tins, are as follows:—Pure, alkaloid, two cwt., 8s. 10½d.; one cwt., 9s. 0½d.; 50 lb., 9s. 2½d.; less than 50 lb., 9s. 4½d. per lb. Citrate, two cwt., 5s. 11½d.; one cwt., 6s. 0½d.; 50 lb., 6s. 1½d.; less than 50 lb., 6s. 2½d. per lb. Soda sal., two cwt., 6s. 2½d.; one cwt., 6s. 3½d.; 50 lb., 6s. 4½d.; less than 50 lb., 6s. 5½d. per lb. English makers' prices as follows: Pure alkaloid, two cwt., 9s.; one cwt., 9s. 2d.; 50 lb., 9s. 4d.; less than 50 lb., 9s. 6d. per lb. Citrate, two cwt., 5s. 11d.; one cwt., 6s.; 50 lb., 6s. 1d.; less than 50 lb., 6s. 2d. per lb.

CALCIUM LACTATE.—Market is steady, business moderate: one cwt., 1s. 0½d.; 50 lb., 1s. 1½d.; 28 lb., 1s. 2d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—British material is steady as quoted: duty paid crystals, in 14-lb. free containers, five cwt., 3s. 2d.; one cwt., 3s. 3d.; 28 lb., 3s. 4d. per lb.; 28-lb. jars, one penny per lb. extra.

CHLOROFORM.—Prices quoted by makers are: two cwt., 2s. 5½d. per lb.; one cwt., 2s. 6d.; 50 lb., 2s. 6½d.; less, 2s. 7½d. per lb., w-quarts of 8 lb. Packed in drums, ½d. per lb. less. Small bottles extra, from 5d. per lb. for ¼-lb. bottles to 1d. for 2-lb. bottles. Carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—Good business, with the market very steady: British material quoted at 1s. per lb. less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Market is steady and business continues on a good scale: British material, 90 to 100 per cent., 87s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

IODIDES.—Makers' scales of prices for these salts continue at the advance recently recorded. The new scales are as follows: POTASSIUM, B.P.—1 cwt., 4s. 6d.; 28 lb., 4s. 8d.; 14 lb., 4s. 10d.; 7 lb., 5s. 4d.; 4 lb., 5s. 10d.; smaller quantities, 6s. 6d. per lb.

SODIUM, B.P.—28 lb., 5s. 9d.; 14 lb., 5s. 11d.; 7 lb., 6s. 5d.; 4 lb., 7s. 1d.; smaller quantities, 8s. 1d. per lb. **IODINE, B.P., RESUBLIMED.**—1 cwt., 5s. 4d.; 28 lb., 5s. 6d.; 14 lb., 5s. 8d.; 7 lb., 6s. 2d.; 4 lb., 6s. 10d.; smaller quantities, 7s. 9d. per lb. **IODIFORM, B.P., CRYST., PRECIP. OR POWDER.**—28 lb., 8s.; 14 lb., 8s. 2d.; 7 lb., 8s. 10d.; 4 lb., 9s. 8d.; smaller quantities, 10s. 8d. per lb. Contracts for one cwt. and upwards (assorted if required) with fall clause, for delivery as required during four months. 28-lb. tins and one-cwt. cases free. All jars and bottles charged, but credited if returned carriage paid, in good condition, within three months. Assorted quantities are charged at the collective total prices. It is a condition of sale that buyers undertake not to resell any quantity of the above products at prices or terms below the scale for any such quantity current at the time the resale is made.

MAGNESIUM CARBONATE (B.P., HEAVY).—Makers' scales of prices continue at the recent advance. Contracts: five cwt., 65s. per cwt., less rebate 2s.; ten cwt., 65s., less rebate 3s.; one ton, 63s., less rebate 2s.; five tons, 63s. per cwt., less rebate 3s. per cwt. No fall clause. Resale clause applied. Distributors' prices for small parcels: 14 lb., 93d.; 28 lb., 83d. per lb., 28-lb. parcels free packing.

MERCURIALS.—Makers' scales of prices for these salts are unchanged, **CHLORIDE, B.P. (CALOMEL).**—One cwt., 5s. 11d.; less than one cwt., from 6s. per lb.

METHYL SALICYLATE.—Business has been unimportant: makers' prices continue unchanged: spot, ten cwt., 1s. 13d.; five cwt., 1s. 2d.; one cwt., 1s. 24d.; less than one cwt., 1s. 24d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Competition for a limited spot business: two cwt., 19s. 33d.; one cwt., 19s. 93d.; 56 lb., 20s. 23d.; small parcels, 20s. 8d. per lb.

PARAFORMALDEHYDE.—Quoted unchanged, quiet: 100 per cent. powder, bulk quantities, 1s. 1d. to 1s. 13d.; smaller parcels to 1s. 43d. per lb., as to quantity.

PHENACETIN.—Average business, steady as quoted: crystals or powder, bulk quantities, 2s. 6d.; smaller parcels, 2s. 7d. to 3s. per lb., as to quantity.

PHENAZONE.—Business on the quiet side, but spot quotations are about steady: 6s. 43d. to 6s. 9d. per lb., as to quantity. Business quiet.

PHENOLPHTHALEIN.—Not much business, quoted unchanged: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

PHOTOGRAPHIC CHEMICALS.—**AMIDOL.**—28 lb., 7s. 6d.; 14 lb., 8s. 3d.; 7 lb., 9s.; under 7 lb., 11s. 9d. per lb., in 1-lb. bottles. **CHLOROQUINOL.**—1-lb. bottles, 21s. per lb. **GLYCIN.**—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. **HYDROQUINONE.**—56 lb., 4s. 103d.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; 1-lb. bottles, 6s. 6d. per lb. **METOL.**—28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d.; 3 lb., 11s. 6d.; 1-lb. bottles, 12s. 6d. per lb. **ALUM (PHOTOGRAPHIC QUALITY).**—1 cwt., 21s. per cwt., 28 lb. for 6s. **GOLD CHLORIDE.**—15-grain tubes, 45s. per doz. **MAGNESIUM POWDER.**—10s. per lb. **GRAMIDOPHENOL HYDROCHLOR.**—8s. 6d. per lb. **POTASSIUM FERRICYANIDE.**—14 lb., 2s. 2d.; 7 lb., 2s. 4d.; 1 lb., 2s. 6d. per lb. **POTASSIUM METABISULPHITE.**—One cwt., 73d.; 28 lb., 8d.; 14 lb., 9d.; 7 lb., 11d.; 1 lb., 1s. per lb. **PYROGALLIC ACID, CRYST.**—28 lb., 6s. 9d.; 14 lb., 7s. 6d.; 7 lb., 8s. 3d.; under 7 lb., 8s. 9d. per lb. **SODIUM CARBONATE (RECRYST.).**—5 cwt., 12s. 6d. per cwt.; 1 cwt., 13s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. **SODIUM HYPOSULPHITE, TUBES, CRYST.**—5 cwt., 16s. 3d.; 1 cwt., 18s. 6d. per cwt.; 56 lb. for 11s.; 28 lb. for 6s. **SODIUM SULPHIDE (PURE).**—7 lb., 1s. 3d.; 1 lb., 1s. 6d. per lb. **SODIUM SULPHITE, RECRYST.**—One cwt., 20s. per cwt.; 56 lb. for 13s. 6d.; 28 lb. for 7s.

POTASSIUM PERMANGANATE (B.P.).—Dealers' prices are unchanged, fair amount of small business: bulk quantities, in drums, 9d. to 10d.; druggists' parcels, 10d. to 1s. per lb., as to quantity.

QUININE SALTS.—Convention prices continue unchanged: sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 93d.; salicylate, 2s. 103d.; hydrochloride, 2s. 83d.; bihydrochloride, 3s.; hydrobromide, 2s. 83d.; valerianate, 3s.; valerianate, 3s. 8d.; hypophosphite, 4s.; alkaloid, 3s. 103d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packages extra.

RESORCIN.—British material only available: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., up to 6s. 6d. per lb.

ROCHELLE SALTS.—Makers' scales of prices for these products continue at the recent advance. The scales are as follows:—**PULV. SOD. POT. TART., B.P.**, less than one cwt., 80s.; less than five cwt., 77s. 6d.; five cwt. and over in one delivery, 75s. per cwt. **PULV. SEIDLITZ**, less than one cwt., 64s. 3d.; less than five cwt., 62s. 6d.; five cwt. and over in one delivery, 60s. 6d. per cwt. **DOUBLE SEIDLITZ**, less than one cwt., 71s.; less than five cwt., 69s.; five cwt. and over in one delivery, 67s. per cwt. **SODA POT. TART. CRYSTALS**, 2s. 6d. per cwt. extra to powder.

SACCHARIN.—The Convention price for 550 is 37s. 6d. per lb., duty paid, with rebates for quantities.

SALICYLIC ACID (B.P.).—Business remains slow: five cwt., 1s. 7d.; one cwt., 1s. 73d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

SALOL.—Quotations competitive, business dull: crystals in the region of 2s. 7d. to 3s. per lb., as to quantity.

SANTONIN.—Occasional small spot demand. Quotations are in the region of £9 10s. to £10 per kilo., as to quantity.

SODIUM DIETHYLBARBITURATE.—Home makers' prices continue at the reduction recorded last week. The new scale is as follows: one cwt., 11s.; 28 lb., 11s. 3d.; 14 lb., 11s. 6d.; 7 lb., 11s. 9d. per lb., with higher prices for smaller quantities.

SODIUM BENZOATE (B.P.).—Steady business at keen prices for good quantities: bulk quantities, 1s. 6d. per cwt.; one cwt., 1s. 7d.; smaller parcels, 1s. 73d. up to 2s. per lb., as to quantity.

SODIUM SALICYLATE (B.P.).—Business of small account, with makers' quotations unchanged: home trade, crystals or powder, five cwt., 1s. 53d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s.; 1 lb., 2s. 3d. per lb.

SULFONAL.—Remains dull and irregular on quotation: crystals or powder, two cwt., 15s. 53d.; one cwt., 15s. 103d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 7d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Demand continues with quoted prices maintained. British makers quote at 1s. 14d. per lb., less 5 per cent. discount. Dealers offering foreign materials at competitive prices.

THEOBROMINE.—Continental material: pure, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb. **Sodium, salicylate**, two cwt., 6s. 33d.; one cwt., 6s. 43d.; 56 lb., 6s. 53d.; smaller quantities, 6s. 63d. per lb. delivered, 5-lb. tins free, smaller packages extra.

THYMOL.—Standard prices are as follows: synthetic, fine white, one cwt., 6s.; 56 lb., 6s. 4d.; 28 lb., 6s. 9d.; less than 28 lb., 7s. 6d. per lb., tins charged extra; ex ajowan seed, one cwt., 8s. 5d.; 56 lb., 8s. 103d.; 28 lb., 9s. 53d.; 14 lb., 10s. 6d. per lb.

VANILLIN.—Convention prices continue steady: ex clove oil or guaiacol, five cwt., 12s. 9d.; one cwt., 13s.; 56 lb., 13s. 3d.; less, 13s. 9d. per lb.

Crude Drugs, etc.

AGAR.—Fair home trade and continued demand from the Continent; spot values are under replacement costs: spot, Kobe No. 1, 4s. to 4s. 1d., as to quality; No. 2, 3s. 8d. to 3s. 9d. **Yokohama, No. 1**, 3s. 7d. to 3s. 8d. per lb.; shipment, July-August, Kobe No. 1, 3s. 8d.; No. 2, 3s. 4d. **Yokohama, No. 1**, 3s. 4d. per lb., c.i.f. Re-sellers of May-June at 3s. 7d., c.i.f., for Kobe No. 1.

ALOES.—Offers of new crop Curaçao have come to hand. Cape unchanged and market rather dull: Cape, spot, 62s. 6d. in boxes; shipment, 61s. 6d. to 63s. per cwt., c.i.f. **Curaçao**, spot, 90s. to 110s.; shipment, new crop, July, 92s. 6d. per cwt., c.i.f., with no reply to bids at slightly less.

ANTIMONY.—Chinese crude, spot, £42; shipment, June-July, £36 10s., c.i.f. **English regulus**, £82 10s. to £83 10s. per ton, ex store.

ARNICA FLOWERS.—Dealers offering some spot supplies at about 1s. 3d. to 1s. 4d. per lb., for small parcels.

BALSAMS.—Some descriptions short and firm; business quiet. **Tolu**, 1s. 7d. to 1s. 8d.; **Copaiba**, 2s. 6d., nominal; **Peru**, 5s. 4d. **Canada** is firm and dear at 2s. 8d. per lb.; spot.

BELLADONNA.—Occasional spot business in limited quantities: leaves, 55s.; root, 45s. per cwt., spot.

BENZOLIN.—Stocks of Sumatra are freely offered from 85s. up to £5 per cwt., ex store. Modest business being done.

BUCHU.—The rather limited stocks on spot are steadily held, with rounds from 2s. 2d. up to 2s. 5d. for good green. Ovals are quoted from 1s. 9d. for stalky to 2s. for the best. Shipment quotations tend firmer in some quarters, but 2s. c.i.f. would be taken in other directions.

BURDOCK ROOT.—Dealers are quoting spot supplies of this root at about 45s. per cwt., ex store.

CAMPHOR.—Average business at steady prices. Japanese manufacturing BB grade is steady at £8 10s. per 100 lb. Japanese, spot, tablets, 2s. 73d.; powder, 2s. 33d.; slabs, 2s. 33d. per lb., ex store; shipment, tablets, 2s. 33d.; powder, 2s. 14d.; slabs, 2s. 03d. per lb., c.i.f. **English refined flowers:** one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. **Transparent tablets**, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; 1/2 oz., 1/3 oz. and 1/4 oz., 3s. 6d. per lb.

CANTHARIDES.—Market is quiet but steady: spot, Russian, 6s. to 6s. 3d.; Chinese, 1s. 10d. to 2s. per lb., as to quantity; shipment rather dearer at 1s. 9d., c.i.f.

CARDAMOMS.—It is reported that the 91 bales in last week's auction were all sold at the full prices recorded. **Aleppy greens**, spot, 4s. 6d.; shipment, about 4s. per lb., c.i.f. **Bombay seed**, 6s. 9d. per lb., spot.

CASCARA SAGRADA.—The purchasing of new crop is still being delayed and some pressure continues at the source to make sales. This week shipment offers have ranged from 43s. 6d. up to 46s. 6d. per cwt., c.i.f. for minimum car-load lots. Spot, 1936 peel, 65s.; 1933 peel, 70s. per cwt., ex store.

CELERY SEEDS.—Dealers are offering bulk supplies on spot at about 90s. per cwt., ex store.

CHAMOMILES.—Some few orders on spot. Last season's flowers on spot are quoted from 100s. to 120s. per cwt., as to quality.

CLOVES.—Market rather quiet but steadier. Zanzibar, spot, 9½d.; shipment, July-August, 9½d. per lb., c.i.f. Madagascar, in bond, 8½d.; shipment, July-August, 8½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended June 12 were nil, and the deliveries 120, leaving a stock of 4,400. From January 1 to date the landings of Zanzibar have been 4,745 and the deliveries 2,924. Landings of Madagascar for the week ended June 12 were 200, and the deliveries 31, leaving a stock of 4,829. From January 1 to date the landings of Madagascar have been 4,977 and the deliveries 1,481 packages.

COCONUT (DESICCATED).—Values about level on the week, business quiet: spot, fine, 21s. 6d.; medium, 20s. 6d. per cwt.; shipment, halves, June-July, 20s. 6d. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports the shipment market continues fully steady. Finest Lofoten steam refined, non-freezing medicinal oil, 99s. to 100s. per barrel, c.i.f. London. Small lots, on spot, about 135s. per barrel, ex store, duty paid. British finest medicinal oil is quoted at 110s. per barrel, delivered U.K., with rebates for 25, 50 or more barrels.

COLOCYNTH.—Some very good parcels of new crop pulp are available, with holders competitive for business in the region of 1s. 11d. to 2s. 2d. per lb., as to quality.

DERRIS ROOT.—A small spot business is reported, with values ranging from 8½d. up to 1s. 6d. per lb., as to test. Shipment offers of bulk quantities, basis 17 per cent. ether extract, 7½d. per lb., c.i.f.

Exports in 1936 from the Netherlands Indies amounted to only 176,816 kilos compared with the 1935 exports of 317,988 kilos. The decline was due to the smaller shipments from the Outer Provinces where derris root is cultivated chiefly by the natives. Shipments from Java, where the estate operators are becoming interested in this crop, increased from 4,231 kilos in 1935 to 24,735 kilos in 1936. In view of the recent interest which has been shown in cultivating derris root on a commercial basis, it is anticipated that within a few years shipments from the Netherlands Indies will increase.

ERGOT.—Interest in this market has been lacking. On spot small lots of Portuguese or Spanish worth about 6s. 3d., with one or two half-ton lots, said to be in a good condition, offered for shipment at about 5s. 1½d. to 5s. 3d. per lb., c.i.f.

GAMBOGE.—Some Siam pipe of good quality is quoted at about £13 10s. per cwt., duty paid. A shipment offered received at £11 per cwt., c.i.f.

GENTIAN.—New crop root of Continental origin, July-August shipment, quoted at about £47 10s. per ton, c.i.f. A parcel arriving shortly at 55s., c.i.f. Spot, nominal owing to lack of bulk supplies.

GINGER.—Remains rather quiet, with values about steady. West African, spot, 62s. 6d.; for arrival, 54s. per cwt., c.i.f. Jamaican, spot, bold in barrels, 87s. 6d.; small grinding, about 62s. 6d. per cwt., in bags, ex store.

GUM ACACIA.—Although business has again been quiet the tone is fully steady and the shipment market may harden owing to poor arrivals. Kordofan cleaned sorts, 60s. to 62s.; shipment, prompt, 58s.; July, 58s. 6d. per cwt. Spot, bleached, No. 1, 110s.; extra, 120s. per cwt., ex store.

HENBANE.—The spot market has been quiet, with the value at about 80s. per cwt., ex store.

HENNA.—Moderate business in small quantities. Egyptian green leaves, 30s.; brown, 27s. 6d. per cwt., ex store.

HONEY.—Market continues generally quiet, with prices keeping steady. Jamaican, 38s. to 50s. per cwt. for dark manufacturing to pale set. Haiti, 30s. in bond, and Guatemala 29s. to 30s. in bond, as to quality.

HYDRASTIS.—The shipment price for U.S.P. quality is firm at 14s. 3d., c.i.f., yet there are spot sellers from 13s. 7½d., but most holders of good quality root want at least 13s. 10½d. per lb.

IPECACUANHA.—Rather more doing in good quality Matto Grosso, B.P. test, with prices steady at 6s. 9d. to 6s. 10½d. Some slightly inferior root quoted from 5s. 6d. to 6s. per lb., as to quality.

IRISH MOSS.—Dealers are quoting spot supplies from 47s. 6d. to 60s. for good bleached, ex store.

JUNIPER BERRIES.—Spot supplies are offering at about 27s. 6d. per cwt., as to quantity and quality.

LIQUORICE ROOT.—Dealers are offering spot supplies of natural root at about 12s. 6d. per cwt.

LOBELIA HERB.—Remains very slack and in free supply. Spot is now quoted at about 6d. to 6½d. per lb., as to holder and quality, for good quantities.

LYCOPodium.—Holders of spot supplies, which appear to be modest in size, are quoting from 5s. to 5s. 2d. per lb., ex store.

MANNA.—Spot supplies of finest selected flake, in 1-lb. tins, offering at about 3s. 9d. per lb., ex store.

MENTHOL.—Market is steady, with a complete absence of speculative business. K/S brands, spot, 12s. 10½d. to 13s.; in bond, 11s. 6d. to 11s. 9d. Japanese shippers quote July-August at 11s. 6d., c.i.f., with bids of 11s. per lb., c.i.f., rejected. Lowest re-sellers of June-July at 11s. 3d., c.i.f.

MERCURY.—A steamer is due this week-end with 1,750 bottles of Spanish metal for this market, most of which is as yet unsold.

Quotations show no change on the week. Quoted at 74 dollars per bottle, f.o.b. Continent; £15 4s., c.i.f. London, war risks included; spot, in small lots, £15 5s. to £15 5s. 6d. per bottle, ex store.

OPIMUM.—Quite good sales are reported. Turkish, original cases of 170 lb., 12½-13 per cent., 1s. 1½d. Persian, 12 per cent., 1s. 1d. per unit, landed and duty paid.

ORANGE PEEL.—Spot prices for thin cut Tripoli vary according to quality from 11d. to 1s. 2d. per lb., as to quality.

PEPPER.—Market is much steadier. Lampung, in bond, 3d.; shipment, August-October, 2½d.; October-December, 2½d., c.i.f. Telli-cherry, spot, 4½d.; shipment, 37s., c.i.f. Aleppy, spot, 4½d.; shipment, August-October, 35s., c.i.f. White Muntok, in bond, 6d.; shipment, August-October, 4½d.; October-December, 4½d. per lb., c.i.f.

PIGMENTO.—Market is steady but quiet: spot, 7d. per lb.; shipment, July-August, 57s. per cwt., c.i.f.

QUASSIA CHIPS.—Spot quotations for Florentine are at about 32s. 6d. to 37s. 6d. per cwt., as to seller and quality.

QUILLAIA BARK.—Dealers are offering some whole bark at 25s. to 27s. 6d., and crushed bark at about 35s. per cwt., ex store.

RHUBARB.—Fair business in rough round continues on spot, with all pinky 1s. 10d. and three-quarters pinky 1s. 9d. per lb.; shipment firm, with all pinky 1s. 7½d. and ordinary quality 1s. 6½d. per lb., c.i.f. Shensi rather quiet, quoted from 3s. 9d. to 4s., and pickings about 2s. 9d. per lb., duty paid.

RUBBER.—Values are steadier, rather more business being done. Standard ribbed smoked sheet, spot, 9½d.; July, 9½d.; August, 9½d.; September, 9½d.; October-December, 9½d.; January-March, 9½d. per lb.

SAFFRON.—Dealers are quoting genuine Valencia at about 62s. 6d. per lb., ex store. Supplies limited.

SEEDS.—ANISE.—Bulgarian, 40s., spot, duty paid. **CANARY.**—Mazagan, 27s.; Turkish, 25s. 6d.; Plate, 26s.; Spanish, 35s. to 40s., all spot, duty paid. **CARAWAY.**—Dutch on spot is 36s., duty paid; 31s. quoted f.o.b. Holland. **CORIANDER.**—Market for shipment is dearer. Morocco, for June-July shipment, 12s., c.i.f., is now quoted. Spot Morocco is 14s. 9d., duty paid, and 13s. 9d., in bond. **CUMIN.**—No Malta on spot; 38s. c.i.f. quoted. Morocco on spot is 45s. duty paid, 42s. in bond. **FENUGREEK.**—Morocco, spot, 14s., duty paid. **MUSTARD.**—English is 20s. to 31s. per cwt., according to quality.

SENEGA.—This market is fully steady, limited spot business: spot, 2s. 8d.; prompt shipment, 2s. 7d., c.i.f. New crop, August-September, 2s. 3½d. per lb., c.i.f.

SENNA.—Moderate business in Alexandrian and Tinnevely, with prices steady. Good green Tinnevely leaves on the spot offer as follows: bold at 7d., No. 1 at 5½d., No. 2 at 3½d., No. 3 at 2½d., No. 4 at 2½d. per lb. Manufacturing Tinnevely pods continue in limited supply at 2½d. to 2½d. per lb., ex wharf, London. Alexandrian: recent arrivals of new crop hand-picked pods show a considerable falling off in quality, particularly in size, and it would appear that the best lots have already been received on this market. Finest selected offer at 4s. 6d. to 5s., No. 1 at 3s. to 4s., No. 2 at 2s. 3d. to 2s. 9d., No. 3 at 1s. 6d. to 2s. per lb., with very small pods available at 1s. 2d. to 1s. 6d. per lb., ex wharf, London. Cheaper prices are quoted for parcels of old crop pods, and manufacturing pods in limited supply are at about 4d. per lb., ex wharf, London.

SHELLAC.—Values are easier on the week: spot, standard TN orange, 46s. to 49s.; fine orange, 65s. to 110s.; pure button, 62s. 6d. per cwt. For delivery, TN, August, 45s. 6d.; October, 46s. 6d. For arrival, TN, July-August, 41s. 6d. per cwt., c.i.f. Closing firmer.

SLIPPERY ELM BARK.—Slabs on spot, if available, 1s. 6d.; grinding quality quoted at 6½d. per lb., ex store.

SQUILL.—Dealers' prices for small parcels range from 27s. 6d. to 30s. per cwt., as to quality.

STRAMONIUM.—Small spot business, with the quotation at about 35s. per cwt., ex store.

TONKA BEANS.—Supplies of fair frosted Para beans are available from 3s. 4½d. to 3s. 6d. per lb., as to quality and quantity.

TRAGACANTH.—A quiet business, with values for white grades keeping steady, with druggists' quality from £72 10s. to £74 per cwt. Arrivals were better last month, but stocks are still modest and in strong hands.

TURMERIC.—Spot Madras is offering at 23s. 6d. to 24s.; for shipment, June-July, 22s. 6d., c.i.f., is offered.

VALERIAN ROOT.—Occasional business in small parcels, with the value in the region of 35s. per cwt., ex store.

WAX.—BEES'.—Moderate inquiry, with values about unchanged on the week. Calcutta, bleached, spot, 155s.; shipment, June-July, 148s.; ordinary quality, spot, 125s.; shipment, 118s., c.i.f. Abyssinian, 127s. 6d., in bond; shipment, June-July, 122s., c.i.f. Benguella, spot, 127s. 6d.; shipment, 120s., c.i.f. Conakry, spot, none offering; shipment, 122s., c.i.f. Dar-es-Salaam, spot, 136s.; shipment, 127s. per cwt., c.i.f. **CARNAUBA.**—Market is still rather quiet, values maintained. Fatty grey, spot, 172s. 6d.; shipment, afloat, 167s. 6d., c.i.f.; June-July, 166s., c.i.f. Chalky grey, spot, 167s. 6d.; shipment, June-July, 163s. 6d., c.i.f. Primeira, spot, good quality, 220s.; f.a.q., 215s.; shipment, June-July, 210s., c.i.f. Mediana, spot, 210s.; shipment, 205s., c.i.f.

Essential Oils, etc.

A fair general consuming trade is reported, with most orders for spot goods. Prices are keeping steady in most instances. Sicilian oils are fully steady. Ceylon cinnamon leaf is firmer for shipment. Geranium oils are very steady forward. Japanese peppermint is rather dearer on the week.

ALMOND.—Keen prices being quoted: English made, cwt. lots, 3s.; smaller parcels, up to 3s. 7d. per lb.; foreign, cwt. lots, 3s. 4d.; smaller parcels, 3s. 8d. per lb. French, bitter, 6s. to 6s. 6d. per lb., as to quantity.

ANISE (STAR).—Business slow and spot values are about maintained: spot, leads, 3s. 3d.; tins, 3s. 2d.; drums, 2s. 11d. per lb., ex store; shipment, June-July, tins, 2s. 10d.; drums, 2s. 8½d. per lb., c.i.f.

BAY.—Market steady, small business: 49 to 50 per cent., 4s. 7½d. to 4s. 9d.; 59 to 60 per cent., 4s. 9d. to 5s. per lb., as to quantity.

BERGAMOT.—A fair amount of spot business is reported in the region of 14s. 3d. to 14s. 6d. per lb. for new crop good quality oil. The shipment market continues firm and quoted at 14s. 6d. to 14s. 9d. per lb., c.i.f., with little doing for this market.

BOIS DE ROSE.—Brazilian oil is fully steady as quoted from 6s. 3d. for drums and up to 6s. 6d. for smaller lots. Still no shipment offers from the source.

CAJUPUT.—Market remains quiet: B.P., 2s. 1½d. to 2s. 3d. per lb., as to quantity.

CANANGA.—Very little interest in this product; keen quotations: spot, 6s. 2d. to 6s. 6d.; shipment, 6s. to 6s. 1½d. per lb., c.i.f.

CARAWAY.—Market has remained dull, quoted unchanged: Dutch rectified, 8s.; crude, 7s. 7d. per lb., landed and duty paid.

CEDAR LEAF.—Business continues small, with quotations of 4s. 9d. to 5s. per lb.

CEDARWOOD.—A limited business continues with keen prices quoted for bulk quantities: African, in drums, 1s.; smaller packages, up to 1s. 3d. per lb. American, in drums, 1s. 1d.; smaller packages, up to 1s. 4d. per lb.; shipment, 1½d. to 1s. per lb., c.i.f.

CINNAMON LEAF.—The shipment quotation for Ceylon oil is dearer at about 3s. 2d. to 3s. 3d. per lb., c.i.f., in drums. Repacked oil on spot is fully steady from 3s. 7½d. per lb., ex store.

CITRONELLA.—Although business remains quiet, Java is firm for shipment. Ceylon is neglected and rather easier. Ceylon, spot, drums, from 1s. 9d.; smaller parcels, up to 2s.; shipment, drums, 1s. 6½d. per lb., c.i.f. Java, spot, drums, about 2s. 1d.; smaller parcels, up to 2s. 4½d.; shipment, drums, firm at 1s. 8½d. per lb., c.i.f.

CLOVE.—Madagascar oil for June-July shipment is now being quoted. Madagascar, spot, drums, nominal; smaller packings, up to 4s. 10d. per lb.; shipment, 2s. 9d. per lb., c.i.f. Zanzibar stem oil has been selling in the region of 3s. 6d. per lb., c.i.f. English distilled oil, cwt. lots, 5s. 9d.; smaller parcels, up to 6s. 3d. per lb.

EUCALYPTUS.—The forward position continues firm. Australian, 70 to 75 per cent., 1s. 7½d., in tins, and 1s. 7½d., in drums; 80 to 85 per cent., if available, 1s. 8½d. per lb., in drums, landed; higher prices for small lots. Shipment, June-July, 70 to 75 per cent., 1s. 5½d. in drums; 1s. 6d. in tins in cases; 80 to 85 per cent., October shipment, 1s. 6½d. in drums and 1s. 7d. per lb., c.i.f., in tins in cases.

GERANIUM.—Shipment quotations for Algerian continue dear and firm. Bourbon is also fully steady forward. Bourbon, spot, 17s. 6d. to 19s.; shipment, 16s. 9d. Algerian, spot, 17s. 9d. to 19s.; shipment, about 17s. per lb., c.i.f. There may be some cheaper spot sellers.

GRAPE-FRUIT.—The Florida oil continues firm: spot supplies are quoted from 11s. to 12s. per lb. Californian oil is steady as quoted from 10s. 6d. to 12s. per lb., ex store. South African oil, if available, 15s. per lb.

HO (SHU).—One shipment offer of "improved" quality noted at about 3s. 1d., c.i.f. No offers of "extra" quality. The small supplies on spot continue firm as quoted from 3s. 4d. to 3s. 6d. per lb., in drums, ex store, as to quality.

LEMON.—There has been a fair amount of spot business and some few shipment inquiries for Sicilian hand-pressed oil, with values fully maintained. On spot, 12s. 7½d. to 14s. per lb., as to brand and quantity. Shipment offers range from 13s. 3d. to 14s. per lb., c.i.f. The source reports general trade has been quiet. Machine-made oil is fully steady at 12s. 6d. per lb., c.i.f. Californian cold-pressed oil is available on spot at prices from 8s. 6d. up to 10s. per lb., landed, the price varying as to brand. Californian distilled regular quality is quoted at 6s. 4d. per lb., ex wharf.

LEMONGRASS.—Easy conditions reported on a slack shipment market at about 1s. 6½d. per lb., c.i.f., for good quantities. Spot is dull and quoted from 1s. 10d. to 2s. per lb.

LIME.—West Indian distilled is very firm, with spot at 27s. 6d. per lb. Any oil available at the source would be fully 27s. 6d. per lb., c.i.f.

MANDARIN.—The shipment quotation for first class oil is very steady from 23s. 9d. to 24s. 9d., c.i.f. Spot offers vary as to quality of oil from 20s. to 25s. per lb., ex store.

NEROLI.—Offers by mail from the source for new crop continue firm, with finest perfumers grade from 27s. 6d. to 30s., as to source, and other grades ranging from 18s. to 25s. per oz.

NUTMEG.—Occasional business with quotations maintained. English-made oil, 5s. 9d. to 6s. 3d. American oil, 6s. 1½d. to 6s. 4½d. Dutch, 6s. to 6s. 3d. per lb., as to quantity.

ORANGE.—A limited business on spot in French Guinea oil, with the lowest seller now at 6s. in drums; other sellers asking up to 6s. 3d.; smaller quantities up to 6s. 6d. repacked. Shipment offers are not attracting much attention and remain at about 4s. 10½d. per lb., c.i.f. Tanganyika bitter oil is selling moderately well in the region of 8s. in drums, and Rhodesian sweet is quoted at 10s. 6d. per lb. Californian, small drums, 4s. 2½d.; tins in cases, 4s. 3½d.; single cases, 4s. 6d. per lb., ex store. Sicilian, sweet, shipment, 13s. 6d.; bitter oil, 10s. 3d. per lb., c.i.f.

PALMAROSA.—The market has eased a little, business quiet. Spot, 10s. 3d. to 10s. 6d., as to seller; shipment, 9s. 10½d. to 10s. per lb., c.i.f., for bulk quantities.

PATCHOULI.—A limited inquiry is being received. Singapore oil, spot, 15s. 6d. to 15s. 9d.; shipment, about 15s. per lb., c.i.f. Seychelles oil, to arrive, is quoted at about 13s. per lb., c.i.f.

PEPPERMINT.—Speculative business idle. Moderate consuming trade, with Japanese oil on spot rather firmer at 5s. to 5s. 1½d. per lb., as to seller. Japanese shippers quote June-July and July-August firm at 4s. 10½d. to 5s., c.i.f., and bids at less rejected. Fair demand for parcels afloat; one small lot may still be available at 4s. 10½d. per lb., c.i.f. American natural oil is quoted for shipment at about 2 dollars 45 to 60 cents per lb., c.i.f., with the source reporting a steady market. Spot supplies are offered at comparatively cheap prices, with business quiet.

PETITGRAIN.—A modest business is reported. Spot, in cases, 4s. 3d.; smaller packings, up to 4s. 6d. per lb. Shipment quotations are from 4s. 1d. per lb., c.i.f.

ROSEMARY.—Spot holders' prices continue very steady, according to the quality of the oil. Spanish oil from 3s. 6d. to 4s. 3d. per lb.

SANDALWOOD.—Genuine East Indian Mysore, 19s. per lb., in one-case lots on spot; oil described as East Indian is quoted from 17s. per lb., c.i.f., for bulk quantities. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, 7s. 3d. per lb. Australian oil continues steady; five cases, 14s. 6d.; one case, 14s. 9d.; 7-lb. tins, 15s. 3d. per lb.

SASSAFRAS.—Market has remained quiet, with good quality natural oil at about 3s. 7d. to 3s. 9d. per lb.

SPEARMINT.—Spot offers vary from 8s. 4d. to 9s.; shipment, 7s. 4½d. up to 8s. per lb., c.i.f., as to brand.

SPIKE.—Dealers' prices for the limited quantity of good quality Spanish oil from 5s. to 5s. 9d. per lb. There may be some oil at rather cheaper prices.

VEITVET.—Very little doing on spot: quoted from 26s. 6d. to 27s. per lb.

WORMSEED.—Limited demand, market steady. Spot, 12s. 3d. to 12s. 4½d.; shipment, about 12s. 1½d. per lb., c.i.f.

London Drug Stocks

Stocks in London at May 31, 1937, and May 31, 1936.

Article	Quantity	1937	1936
Aloes	cwt.	365	234
Anise (Star)	cwt.	352	48
Camphor	packages	317	394
Cardamoms	cwt.	299	329
Cascara Sagrada	tons	68	45
Cochineal	bags	59	47
Calumba Root	bags	2	223
Cubeb	bags	Nil	6
Dragons Blood	cases	165	179
Galls (China and Japan)	cases	906	638
" (Turkey and Persian)	bags	236	175
Gums:—			
Acacia (all descriptions)	packages	11,908	12,511
Ammoniacum	packages	38	31
Anini	packages	355	441
Asafetida	cwt.	364	416
Benzoin	cwt.	812	927
Copal	packages	13,704	20,554
Dammir	packages	6,282	5,325
Elemi	packages	Nil	Nil
Gaml oge	cwt.	38	38
Guaicum	cwt.	53	150
Kowrie	tons (net)	119	174
Mastic	packages	68	47
Myrrh, East India	packages	19	120
Olibanum	packages	225	253
Sandarac	packages	151	219
Tragacanth	packages	2,776	6,261
Ipecacuanha (Matto Grosso)	cwt.	807	292
" (other sorts)	cwt.	707	529
Nux Vomica	cwt.	59	195
Rhubarb (all descriptions)	cwt.	172	387
Sarsaparilla	cwt.	236	4,125
Senna	bales	3,050	128,141
Shellac, orange	cases	139,789	16
Turmeric (Bengal)	tons	16	73
" (Madras, Cochin, etc.)	tons	99	165
Waxes, Bees'	packages	2,799	2,935
" Japanese	packages	516	369

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

"Unsuccessful Claim"

SIR,—Under the above heading in your report of an action between Vincent and John Barker & Co., Ltd., you quote me as having stated: "There had to be some alkali to prevent the soap becoming rancid. Anything under 0.1 per cent. of alkali would be passed by any soapmaker in the country." This sentence stops short and tends to give a wrong construction. What I stated was that anything under 0.1 per cent. free alkali in the last stage of the boiling process, would be passed by any soapmaker in the country, and that without some such small percentage of free alkali at this stage there would be a danger of the soap ultimately becoming rancid. Obviously, 0.1 per cent. free alkali in the last stage of the boiling process would mean that the finished tablet of toilet soap would be entirely or practically free from free alkali. The samples which were the subject of this action were analysed by Dr. Roche Lynch, who certified both samples to be absolutely free from free alkali.—Yours faithfully,

for CHARLES MIDGLEY, LTD.,

E. G. NICHOLS, Director.

Manchester, 15.

The Doctors' Victory

SIR,—I have been reading with much interest your editorial article in the *C. & D.* of June 12 entitled "Doctors Win Again"; and whilst agreeing with every word you say I am one of those who think you do not go far enough. If chemists are ever to assert themselves they will have to put forward a mighty effort, not apologetic nor supplicatory, but a sustained aggressive one, for what the B.M.A. can accomplish for their members surely the N.P.U. (if they represent us) could and should do for us. If instead of being sixty-five I was thirty-five, I verily believe I should be a firebrand, and that is what someone of the latter age ought to be, and fight! What is the N.P.U. doing? In my opinion fiddling whilst Rome (or pharmacy) is burning. Why play about with such things as C.F., paying our accounts for us, P.A.T.A., C.D.A.—all very nice in their way, but trifles. Why cannot they go the whole hog, and tell the Government that we insist upon being paid (and profitably) for all our goods and services or we strike? We need not worry about losing; those gentlemen who sit in Whitehall would only want to peep into the average doctor's dispensary. The public know well enough to-day about these places of untested dispensing. We have no knowledge of the state of the drug fund, so have no means of knowing if there is enough to pay our accounts. Why should we be the only person or body of persons with whom the Government deal running the risk of not being paid in full? It is about time the N.P.U. took off those gloves; and I would suggest, if they are faint-hearted, they borrow some trade union leader, who would soon show them how. It can be done. Then as to our professional status. Looking back over the past twenty-five years I would ask: how has the Pharmaceutical Society safeguarded our interests? To accommodate a few farmers living in remote districts licences were granted for unqualified people to sell arsenical dip. Then came the Dangerous Drugs Acts. What a privilege we possess in dealing with these! With possible imprisonment if we make a slip, to say nothing of all too frequent censure at coroners' inquests. And, lastly, the newly-passed Pharmacy and Poisons Act. All and sundry can now sell certain poisons, arsenical weed-killer being most generously reserved to us and strychnine prohibited! Would a layman be allowed to act as a barrister in the High Court? Would our certificate of death be accepted? So would I exhort the fraternity to wake up and let the Government, the Pharmaceutical Society and the N.P.U. know that at long last we are like the proverbial worm. Will we? I wonder.—Yours, etc.,

SENEX (14/6).

Trade Marks (Amendment) Bill

SIR,—I venture to call the attention of your readers to the above Bill, which has been read a second time in the House of Commons. Sub-Clause (2) of Clause 1 defines "use" of a trade mark as being use "upon or in physical or other relation to goods." Clause 15 gives to owners of trade marks the exclusive right to this "use," and attempts to define

what shall constitute infringement of trade mark in the following words:—

"That right shall be deemed to be infringed by any person who, not being the proprietor of the trade mark or a registered user thereof using by way of the permitted use, uses a mark identical with it or comprising any of its essential features or colourably resembling it, in the course of trade, in relation to any goods in respect of which it is registered, and in such manner as to render the use of the mark likely to be taken either—

"(a) as being use as a trade mark; or

"(b) to import a reference to some person having the right either as proprietor or as registered user to use the trade mark or to goods with which such a person as aforesaid is connected in the course of trade."

Let us consider carefully the meaning of the words in "other relation" to goods (Clause 1 (2)). This would mean that if a salesman said to a customer, "Oh, yes, this is as good as so-and-so," he would be infringing the law if the name mentioned happened to be a registered trade mark. It would quite possibly be held to be an infringement if a trader put in his window his own goods side by side with a branded product, although he might do so merely for a comparison to be made by the public. . . . Then, again, the words "likely to be taken" and "import a reference" in Clause 15 are so wide in their application as to give to the trade mark owner a power which no man can measure. A trader who published a price list which included both branded articles and his own proprietaries might be accused of using the mark (of the branded articles) in a manner "likely to be taken" to "import a reference" (a lovely phrase) to the trade-marked goods. The words "comprising any of its essential features" could be made to apply to almost any act done by a trader. A man need only take as the name of his product a word which bore only the remotest resemblance to a trade mark, but possibly had two letters the same, to render himself liable to a writ for an injunction, damages and costs. For the chemist these words are particularly dangerous, because in many cases ordinary simple chemical names have become so much an "essential feature" of the registered trade name as to render it unintelligible without them. . . . What will be the chemists' position if this Bill becomes law? Will they not be liable for actions for infringement of trade mark? I could name many others and so, no doubt, could your readers. It is the bad drafting of this Bill which makes it so dangerous to the average trader. Section 17 introduces a new principle in the law of contract by allowing the owners of a proprietary article to make contractual conditions "running with the goods" in the same way that a covenant "runs with the land." This means that if a retailer sells an article, which he has bought in good faith, and that article has had the label or package defaced in some particular, although he himself may not be aware of it, he is liable to have an action started against him. I would advise your readers to write at once to their M.P.s and say plainly that they do not want this Bill in its present form. Section 15 must be amended or the chemist is likely to have additional burdens placed upon him.—Yours faithfully,

Watford.

S. BOYD.

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics

Rising Prices

"Wholesalers' invoices are becoming reminiscent of wartime conditions. 'Price advanced' is now a regular feature. Retailers would do well to note this and to adjust their charges accordingly—not forgetting that the market value of an article is the cost of replacement." *L. H.* (22/5).

Tinctura Ferri Murialis

Reference to tinct. ferri muriat. (*C. & D.*, June 12, 688) recalls that this tincture was a favourite in the West of Scotland a quarter of a century ago. It was invariably prescribed "E. P." (*Edinburgh Pharmacopœia*), and was believed by some doctors to be superior to the scale salts of iron.—*H. H. L.* (14/8).

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

B. V. (4/6).—DYEING RAFFIA.—The medium for the dyes with which the raffia is coloured should be aqueous solution of shellac. This is made by boiling shellac 1 oz., borax 1 oz. in water 2 pints until the shellac is dissolved. In this liquid the dye should be dissolved. It will be necessary to make a few experiments, as the borax may affect some of the colours used.

R. A. S. (8/18).—FREEZING MIXTURES.—There are a number of formulas for freezing mixtures in "Pharmaceutical Formulas," and we think either of the following could be used in a cocktail shaker container in the manner you mention:—

I

Ammonium chloride	...	...	1 part
Potassium nitrate	...	...	1 part
Water	...	...	3 parts

Reduction of temperature about 40° F.

II

Sodium sulphate	...	...	8 parts
Potassium nitrate	...	...	5 parts
Ammonium chloride	...	...	5 parts
Water	...	...	16 parts

Reduction of temperature about 40° F.

R. K. G. (5/6).—CLEANING GOLD BRAID.—The methods employed for cleaning tarnished gold braid are (1) brushing with jewellers' rouge moistened with spirit; (2) sponging with a weak solution of potassium cyanide (10 to 20 grains per ounce) and then sponging with clean water; (3) sponging with solution of ammonia followed with soap and water applied by means of a brush. The final drying in cases where liquids are employed is by means of fine sawdust.

H. H. O. (27/48).—SILVERING GLASS.—A process of glass silvering is as follows:—

A.—Silvering Liquid

Silver nitrate	...	...	30 gm.
Distilled water	...	...	240 c.c.
Solution of ammonia	...	...	a sufficiency.

Dissolve the silver nitrate in the water, add solution of ammonia until the precipitate at first formed is redissolved, filter, and make up to 480 c.c. with water.

B.—Reducing Liquid

Potassium sodium tartrate	...	...	0.75 gm.
Water	...	...	300 c.c.
Silver nitrate	...	...	0.116 gm.

Dissolve the Rochelle salt in the water and boil, then add the silver nitrate and boil for from ten to fifteen minutes until grey. Filter, and make up to 480 c.c. with water.

For use, 30 c.c. of each solution is mixed diluted with 120 c.c. of water and poured over the surface of the glass to be silvered. In about an hour the whole of the silver will be deposited, the glass being then rinsed in water, set up on edge to dry, and finally backed with a protective coating of asphalt varnish. Before silvering, the glass must be scrupulously clean, or an even coating of silver cannot be obtained.

C. H. (11/6).—LABELLING TINS.—It is probable that the reason the labels do not adhere to the lozenge tins lies in the manner in which they were fixed in the first place. New tin generally has a greasy surface, due to the tallow or oil used in the plating process. The grease may be removed with an alkali or with benzine, but in a factory where much labelling is done it is better to roughen slightly the surface of the tin where the label is to be placed with a piece of fine sandpaper, or coat the tin with a solution of gelatin one part in four parts of acetic acid, and allow to dry before applying the pasted label. Another plan is to varnish the tin. It is necessary, in applying labels to metal and polished surfaces, to allow the paste to remain on for a minute or so. When any of the foregoing methods are used ordinary shop paste may be employed or the gummed label merely moistened with water. To the ordinary paste additions such as butter of antimony and alum are advised, but the objection is that these act on the tin and cause rust, and consequent staining of the labels. Among the special adhesives used for sticking on labels are (a) sodium-silicate solution thinned to the consistence of thin

syrup; (b) solution of resin 2½ oz. in methylated spirit 20 oz.; (c) rye-flour paste, which has greater adhesive power than paste made with ordinary flour; (d) pastes containing a fair proportion of honey, with or without some fir balsam or Venice turpentine.

C. & C. (16/6).—SUNTAN OIL.—The following are formulas for suntan oil:—

I

Arachis oil	...	...	60 gm.
Olive oil	...	...	38 gm.
Bergamot oil	...	...	1 gm.
Waxoline brown	...	...	a sufficiency.

This produces browning of the skin on direct application.

II

Arachis oil	...	...	60 gm.
Olive oil	...	...	35 gm.
Bergamot oil	...	...	1 gm.
Laurel-berry oil	...	...	3 gm.
Chlorophyll	...	...	1 gm.

The above causes browning after application and on exposure to the sun.

III

Henna	...	...	1 oz.
Olive oil, benzoated	...	...	20 oz.

Digest on a water bath for half an hour, then filter clear.

A. C. B. (15/6).—PYRETHRUM WASH FOR GREEN FLY.—These preparations are usually made from extract of pyrethrum, which is prepared from the flowers either by cold repercolation or continuous extraction. For the former kerosene is very suitable and with a 200 mesh powder will give 90 per cent. extractive efficiency. An efficient fly spray should contain not less than 0.09 per cent. total pyrethrins and such a spray may be made thus:—

Ext. pyrethrum (0.45 per cent. pyrethrins)	1 part
Kerosene	4 parts

The effect of the spray may be much increased by the use of a wetting agent of which the following are very useful:—

1. Coconut oil soap.
2. Diglycol oleate.
3. Sapamides (salts of diethyl-amino-ethyl-oleylamide, etc.).
4. A sulphonated lorol such as sulphonated lorol I.E.

Numbers (1) and (4) are particularly suitable, especially for aqueous washes which could be prepared as emulsions with the wetting agent and the extract in the usual manner.

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," June 18, 1887

Œsypus

In a recent issue of "The British Medical Journal" the author [Dr. Liebreich] enters fully into this subject, chiefly with reference to the use of anhydrous lanolin, which he considers as superior to the best Attic œsypus ever seen by Dioscorides as our modern candles are to the tallow dip of our grandfathers. We find the first complete account of it in Dioscorides ("Materia Medica," lib. iii, cap. lxvi). He says that the Greeks gave the name of œsypus to the fat of raw wool. . . . Celsus, in his "De Medicinæ," mentions the unguent only in connexion with other ingredients of emplastrum enneapharmacum and of ceratum rosaceum cum œsypo. Galen does not consider œsypus in any way superior to other fats, and consequently devotes little time to it; on the other hand, the elder Pliny gives it more attention, and states that the œsypus of Attic sheep is the best. We then come to a period during which the substance fell practically into disuse, viz., during the Middle Ages. It was used in France up to the end of the last century, and in England it was mentioned by Culpeper in the seventeenth century, but to what extent it was used then it would be difficult to say.

HOWARDS' STANDARD ETHER

In 1798 Luke Howard, F.R.S., was manufacturing a very high quality Ether.

His descendants have continued to make this valuable product and to-day Howards' Standard Ether for Anæsthesia is known in practically every hospital and institution in this country and many others all over the world.

Howards' Standard Ether not only conforms to the B.P. 1932, but has been made to answer still more stringent demands in order to afford additional safeguards for its use at home and abroad.

Moreover, it shows a very handsome profit to the pharmacist.

HOWARDS & SONS LTD. (Est. 1797), ILFORD



Hubbuck's Pure Oxide of Zinc

is made by sublimation and is
warranted to contain upwards of

99.9 PER CENT.

of pure oxide; in fact, the
impurities are not traceable

Thos. Hubbuck & Son, Ltd.

ESTABLISHED 1765

24 Lime Street, London, E.C.3

MANUFACTURERS OF WHITE LEAD, WHITE
ZINC, PAINT, OILS, COLOURS, VARNISHES, &c.

Australian Office: 34 Queen Street, Melbourne

*Sold by the following Wholesale Druggists
in Boxes of 7 lb. and 14 lb. stamped by
the Manufacturers: also in 1-lb. Boxes
and 1-lb. Glass Bottles:*

Allen & Hauburys, Ltd.	Illist, Brooke & Illist, Ltd.
Ayrton, Saunders & Co., Ltd.	Horner, L. A., & Sons
Bell, Jno., & Croder	Huskisson, H. O., & Co.
Bell, John, Hills & Lucas, Ltd.	Lofthouse & Saltner, Ltd.
Bleasdale, Ltd.	Mackay, Jno., & Co., Ltd.
Boots Pure Drug Co., Ltd.	May, Roberts & Co., Ltd.
British Drug Houses, Ltd.	Odfield, Pattinson & Co.
Brook, Parker & Co., Ltd.	Pinkerton, Gibson & Co., Ltd.
Burgoyne, Burdidges & Co., Butler & Crispe Ltd.	Potter & Clarke, Ltd.
Cockburn & Co., Ltd.	Raines & Co.
Dakin Brothers, Ltd.	Raines, Clark & Co., Ltd.
Duncan, Flockhart & Co.	Rankin & Forland
Evans, Gadd & Co., Ltd.	Silversides, R. B. G.
Evans Sons Lescher & Webb, Ltd.	Smith, T. & H., Ltd.
Fernis & Co., Ltd.	Southall Bros. & Barclay, Ltd.
Gale Bais & Co., Ltd.	Sumner, R., & Co.
Glasgow New Apothecaries Co.	Taylor, Jas. (Tringate), Ltd.
Goodall, Backhouse & Co., Ltd.	Thompson, John, Ltd.
C. R. Barker, Stagg & Morgan, Ltd.	Wilkinson & Simpson, Ltd.
Harkness, Beaumont & Co., Ltd.	Willows, Francis, Butler & Thompson, Ltd.
Hatrick, W. R. & Co.	Woolley, Jas., Sons & Co., Ltd.
	Wright, Layman & Umney, Ltd.
	Wyleys (Lim.)

Barry, E. J., New York	Muth Brothers & Co., Balti- more
Finlay, Pinks & Co., New Orleans	Palmers, Ltd., Montreal
E. Fongera & Co., 99-92, Beekman Street New York	S. B. Penick & Co., Inc., New York
Chas. J. Huisking & Co., Inc., 135, Varick St., New York	Roller & Shoemaker, Phila- delphia
John & Fink, Inc., N. York	Schieffelin & Co., Inc., New York
McKesson & Robbins, Inc., New York	Shoemaker & Busch, Phila- delphia

PETROLEUM JELLIES

LIQUID
PARAFFIN



TECHNICAL
OILS

PURFINOL LTD.

BRETENHAM HOUSE, LANCASTER PLACE,
STRAND, LONDON, W.C.2

Telephone: Temple Bar 1318/1319 • Cables: Invatore*Rand*London

PARAMOUNT

PRODUCTS

The 'CHEMISTS ONLY' Confections
that **SELL**

PERFECT PACKS
PRODIGIOUS SALES
PHARMACEUTICAL QUALITY

PARAMOUNT PRODUCTS LTD.
BRITANNIA HOUSE, BRADFORD
London Depot: St Leonards, East Sheen, S.W. 14

PACKED OR
IN BULK

TABLETS

(Compressed)

● Specialists for over 30 years in all kinds of Medicinal Tablets. Purity of Drugs and Accuracy of Dosage
Guaranteed. Let us put up your own Speciality in Tablet Form. Secrecy of Formula Guaranteed.

"ADIPOS"—The guaranteed slimming treatment

"HYPROX"—Tablets of Hydrogen Peroxide 33% H_2O_2

"CELERIODS"—The proved remedy for Rheumatism

THE IMPROVED "PREMIER" TABLET MACHINE

Will stand up to the hardest work. (Full instructions for making tablets with each machine.) Price £14 - 14 - 0
Also Power Machine on Stand. £18 - 18 - 0

BUCKLEY-BOWKER TABLET CO., LTD.

MANUFACTURING CHEMISTS &
PHARMACEUTICAL ENGINEERS

29 Parkfield Street, London, N.1

Telephone: Clerkenwell 1401

ALKALOIDS

FINE CHEMICALS AND OPIUM DERIVATIVES

*Goods
covered by
Dangerous Drugs
Acts offered
subject to all
regulations*

Aloin • Atropine • Bismuth Salts • Caffeine • Cantharidin
Capsicin • Chloroform • Chrysarobin • Codeine • Diamorphine
Emp. Canth. Liq. • Ephedrine • Ergot n • Eserine • Ethyl-
morphine • Gingerine • Hyoscyamine • Jalap Resin • Leptandrin
Morphine • Opium • Podophyllin Resin • Salicin • Santonin
Scammony Resin • Strychnine • Veratrine and other
Pharmaceutical Chemicals and Preparations.

T. & H. SMITH LTD.

25 CHRISTOPHER STREET, LONDON, E.C.2

*Blandfield Works,
Edinburgh,
32-34 Virginia St.,
Glasgow*

SOLAZZI Liquorice Juice

The Chemist's Brand

Should any enquiries as to the composition of SOLAZZI be received from the Public, Chemists are requested to emphasise the fact that SOLAZZI is not included in the category of Secret Remedies, and that the following guarantee obtains with every parcel.

Solazzi Juice is

*guaranteed to consist entirely
of the condensed extract of
finest Calabrian Liquorice Root,
without any admixture whatever*

GRAESSER SALICYLATES LTD.

Manufacturers of
ASPIRIN, B.P.

SODIUM SALICYLATE, TECHNICAL AND B.P.

SALICYLIC ACID, TECHNICAL AND B.P.

ORTHO CRESOTINIC ACID
TECHNICAL.

SODIUM PHENATE

etc.

Telegrams & Telephone: HAWARDEN 104

**THE CHEMICAL WORKS
SANDYCROFT
CHESTER**

The Traditional Home of the Sandalwood Tree

Mysore

The true Sandalwood Tree grows almost exclusively in the State of Mysore. Centuries of experience in the distillation of the precious oil from its wood ensures that today the finest Sandalwood oil still comes from the Government factories of Mysore. With its exquisite fragrance and 90% actual Santalol it is without equal as a perfume base and a fixative for bouquets of all descriptions.

MYSORE SANDALWOOD OIL

THE TRADE COMMISSIONER FOR MYSORE IN LONDON

GRAND BUILDINGS,
TRAFALGAR SQUARE,
LONDON, W.C.2.

Sole Agents for U.S.A.:

Messrs. W. J. BUSH & CO., INC., 11 East 38th Street, New York.

Sole Agents for Canada:

Messrs. W. J. BUSH & CO. (Canada) Ltd., 432 St. Helen St., Montreal.

URALYSOL

THYMINIC ACID - HEXAMETHYLENE - TETRAMINE - LYSIDIN



Treatment

★ **OF THE**
RHEUMATIC
DIATHESIS

• IN GRANULES •

CONTINENTAL LABORATORIES LTD.
30, MARSHAM ST. LONDON. S.W.1.

Taxolabs, Sowest, London.

Victoria 2041.

A NEW "DOGGY" LINE
FOR CHEMISTS

DEGALOID S

FOR NERVOUS AND SHY DOGS

Cartons of 30
Retail 1/3

Bottles 250
Retail 7/6

Usual satisfactory discount

This is a preparation you can
recommend with confidence to
any dog lover. A tonic and
alterative for all nerve troubles.

Degaloids contain no poisons
or other harmful ingredients.

CHAS. ZIMMERMANN & CO. LTD.
MEDICAL DEPARTMENT

9/10 ST. MARY-AT-HILL, LONDON, E.C.3

'PHONE :
MAN'sion HOuse 6005 (four lines).

'GRAMS
ACIDOLAN, BILGATE, LONDON

"FELLOWS" ^{MARK}

TRADE
COMPOUND SYRUP OF HYPOPHOSPHITES

Undoubtedly many chemists have other tonics besides "FELLOWS" on their shelves—but how often do they sell?

The demand for "FELLOWS" has been built up over a period of more than 60 years—and on the splendid reputation of this reliable and efficient preparation.

There can be no satisfactory substitute for nationally known articles. Do not substitute for "FELLOWS."

FELLOWS MEDICAL MFG. CO., LTD.
286, St. Paul Street West - Montreal - CANADA

Laboratories:
UNITED STATES ARGENTINE AUSTRALIA CHILE COLOMBIA
GERMANY ITALY MEXICO SPAIN NEW ZEALAND ROUMANIA

Owbridge's

LUNG TONIC

for COUGHS and COLDS

ALL OUR PREPARATIONS CARRY A GOVERNMENT STAMP

YOU can stock and sell OWBRIDGE'S LUNG TONIC with the greatest confidence. All our products are stamped in accordance with the Act of 1812 and have always been so stamped.

Our Price

In 1-gross lots, 1/3 size - £6 12 0
In 1-doz. lots, 3/- size - £1 7 0

Your Returns Retail

1 gross 1/3 - - £9 0 0, 36 $\frac{1}{3}$ %
1 doz. 3/- - - £1 16 0, 33 $\frac{1}{3}$ %

W. T. OWBRIDGE, Ltd., The Laboratory, HULL.



PHARMACY for the PHARMACIST

GENASPRIN 6^{d.} and 2/-
THE SAFE BRAND OF ASPIRIN
THE "CHEMISTS ONLY" ASPIRIN

GENOZO TOOTH PASTE 6^{d.} : 1/- : 1/6
BRAND
THE "CHEMISTS ONLY" TOOTHPASTE

CYSTOPURIN 1/3 : 3/- : 5/-
THE "CHEMISTS ONLY" BACKACHE AND KIDNEY REMEDY

FISSAN ANAL OINTMENT 1/6
BRAND
THE "CHEMISTS ONLY" PILE REMEDY

The above "Chemists' Friends" lines are being consistently advertised. Will you help our policy of "PHARMACY for the PHARMACIST" by displaying and by personal recommendation?

GENATOSAN LIMITED, LOUGHBOROUGH, LEICESTERSHIRE.

Increase your turnover....

by keeping
well stocked with

PHOSFERINE

BRAND TONIC

The Greatest of all Tonics



This popular Tonic Medicine
is always in demand and
is supported by intensive
National Advertising.

LIQUID and TABLETS

1/3, 3/- and 5/-

CARRIAGE PAID.

MONTHLY A/C

*Window display terms in United Kingdom
on application to:—*

PHOSFERINE (ASHTON & PARSONS) LTD.
La Belle Sauvage, Ludgate Hill,
LONDON, E.C.4

"Eagle" Brand Chemicals

B.P.
PRECIPITATED
SULPHUR

PHOTOGRAPHIC
H Y P O

B.P.
EPSOM SALTS
B.P. GLAUBER SALT
ARSENIATE OF LEAD

Enquiries Invited

JOHN RILEY & SONS, LTD.

—Chemical Manufacturers

HAPTON near BURNLEY

Telegrams: "Rileys, Hapton."

Telephones: Paditham 290/1

Pharmaceutical

CASTOR

PREMIER

OIL

Tasteless
Water-White

Made in England by

**THE PREMIER OIL
EXTRACTING MILLS**
HULL Ltd.

Telegrams: "Premier, Hull"

Telephone: 15191 (8 lines)

Asthma and Bronchitis

are most effectively treated with
RIDDELL INHALERS and INHALANTS
which have secured permanent relief in
many tens of thousands of cases.

LITERATURE

on application:

FRANCIS RIDDELL LIMITED

AXTELL HOUSE, Warwick Street, Regent Street, LONDON, W.1.

W.B. DICK & CO. LTD



PARAFFINUM LIQUIDUM B.P.
ALL SPECIFIC GRAVITIES GUARANTEED TO REMAIN BRIGHT AT 0°C

B.P. WHITE & YELLOW PETROLEUM JELLIES

WHITE AND HALF WHITE OILS

SEND FOR SAMPLES AND QUOTATIONS (WHOLESALE ONLY)

26 GROSVENOR GARDENS, LONDON, S.W.1
Telephone - - - Sloane 3462 (7 lines)
Telegrams - - - "Decotto, Phone, London."
GLASGOW, LIVERPOOL, NEWCASTLE,
CARDIFF AND NEW YORK.



BY APPOINTMENT

Schweppes

SUGAR-FREE GINGER ALE
SUGAR-FREE TONIC WATER. . .
SUGAR-FREE SPARKLING LIME

Approved by the Institute of Hygiene and the Diabetic Association.

These beverages have been analysed by the Institute of Hygiene and found "free from sugar and metallic contaminants." The analyses shown have been accepted by the Medical Advisory Council of The Diabetic Association and recommended for diabetic and obese subjects.

ANALYSIS SHOWED THE FOLLOWING RESULTS :

<i>Schweppes Sugar-Free Dry Ginger Ale</i>	<i>Ordinary Dry Ginger Ale</i>	<i>Schweppes Sugar-Free Tonic Water</i>	<i>Ordinary Tonic Water</i>	<i>Schweppes Sugar-Free Sparkling Lime</i>	<i>Ordinary Sparkling Lime</i>
Carbohydrates absent	6.2%	Carbohydrates absent	9.1%	Carbohydrates absent	11.8%
Protein absent	absent	Protein absent	absent	Protein absent	absent
Fat absent	absent	Fat absent	absent	Fat absent	absent

FOR FREE SAMPLES WRITE TO : MESSRS. SCHWEPPE'S LTD. 7 CONNAUGHT PLACE, LONDON, W.2

Robb's FOOD and NURSERY BISCUITS

NOW BEING ADVERTISED

nationally—are safe and profitable lines to stock, providing a scientifically prepared balanced infant diet so that babies are reared.

'RIGHT' FROM THE START

Send to-day for price list and full particulars to:
ALEX. ROBB & CO. LTD.
(Dept. CT.2) 145, ATKINS RD. LONDON, SW12
Also manufacturers of Charcoal & Dietetic Biscuits

"VITAMIN TESTED YEAST"

Yeast specially prepared for medicinal purposes
GUARANTEED ABSOLUTELY PURE

MIDGLEY & PARKINSON, LTD.
Warren Works, Pudsey, LEEDS

Are you stocking

YESTAMIN?

Dried Yeast in its most concentrated and most convenient form—powder and tablets. Generous terms and good discounts. **Write today to:**
The YESTAMIN CO. (The English Grains Co. Ltd.) Shobnall Rd. Burton-on-Trent

JONES'



FINEST QUALITY

METHYLATED SPIRIT

ALL STRENGTHS IN STOCK. PROMPT DELIVERIES IN CASKS, DRUMS, OR BY TANK LORRY.

Send your enquiries to:—

JONES & CO. (METHYLATORS) LTD., BOW, LONDON, E.3
TELEPHONE: ADVANCE 3210. TELEGRAMS: "METHSPIRIT, LONDON"



and other products of the Benger Laboratories

For over 50 years Benger's has maintained its place as the pre-eminent food in all cases of digestive disorder. In spite of the vast array of competing foods now offered to the public, Benger's remains the first choice of the medical practitioner as a diet for infants, Invalids and the Aged.

BENGER'S PEPTONISING POWDERS

Half a powder will peptonise a pint of milk, gruel, beef tea, etc., in a few minutes.

BENGER'S ESSENCE OF RENNET

The highest quality sweet essence for obtaining whey for professional use in infant and invalid Feeding.

BENGER'S FOOD BISCUITS

Contain a suitable quantity of Benger's Food and provide a sustaining food-stuff having distinctive digestive properties.

LIQUOR PEPTICUS (BENGER)

An exceedingly active fluid pepsin. In 4, 8, and 16 oz. bottles.

LIQUOR THYROIDIN

A glycerine and water extract of selected fresh Thyroid glands obtained from healthy sheep.

LIQUOR PANCREATICUS

Containing all the active principles of the fresh pancreas.

BENGER'S PANCREATISED LENTIL FLOUR

Can be used in the same way as Benger's Food, for which it may be substituted when a change of diet is desirable.

PEPSIN PILLS (BENGER)

Represent the active principle of the Liquor Pepticus in the form of tasteless coated pills.

'EXTOMAK' (Trade Mark)

An active and natural desiccated stomach product, preferable in all respects to Liver Extracts.

EXTRACT OF RED MARROW

An agent capable of affording valuable aid in the treatment of Anæmia, and also of Oligæmia due to loss of blood.

Still the first recommendation of the Medical Profession

BENGER'S FOOD LIMITED

OTTER WORKS, MANCHESTER 3

Paraffinum Liquidum B.P.

ALL
GRADES
SAMPLES & PRICES

On application
to

Sterns Ltd.

16, Finsbury Sq. London, E.C2

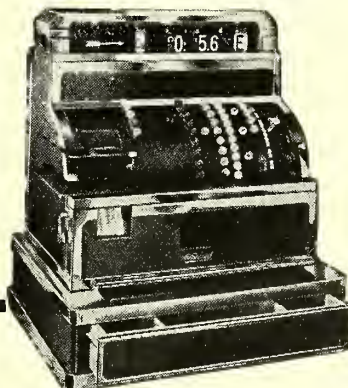
ALSO
TECHNICAL
QUALITIES

Telephone : National 7644 (7 lines).
Telegrams : Centumvir, Phone, London.

IS IT more profit?

What is the reason for the fact that every month sees more chemists instal modern National Cash Registers? Is it MORE PROFIT . . . or some other great advantage? Unless you investigate you will never know! Act NOW—your profit is at stake. Full details await your request.

THE NATIONAL CASH REGISTER CO. LTD.
206/216 Marylebone Road, London, N.W.1
Telephone : Paddington 7070 (15 lines)





ACRIFLAVINE—BOOTS

AMMOKET (Elixir of Ammonium Mandelate)

BISMOSTAB (Injection of Bismuth, B.P.)

CALCIOSTAB (10% Calcium Thiosulphate)

CHLOROSTAB (Bismuth Oxylchloride,
Suspension in Isotonic Glucose)

COMPOUND FLUID EXTRACT OF LIVER—BOOTS

DRY EXTRACT OF LIVER—BOOTS

(Extract Hepatis Siccum, B.P.)

HEPASTAB (Intramuscular Liver Extract)

HEXYL-RESORCINOL (Capsules and Tablets)

INSULIN—BOOTS

LIVRON (Compound Liver Extract and Iron)

NEOKET (Compound Mandelic Acid Granules)

NOVOSTAB (Neosphenamine)

PEPSAC (Desiccated Stomach Substance)

PITUITARY (posterior lobe) EXTRACT—BOOTS

QUINOSTAB (Iodo Bismuthate of Quinine,
Suspension in Oil)

SULPHOSTAB (Sulpharsphenamine)

STABILARSAN (Arsphenamine Diglucoside)

THIOSTAB (10% Sodium Thiosulphate)

Prepared in our own Laboratories
under strict scientific control, and,
whenever necessary, biologically
and clinically tested before issue.

WHOLESALE AND EXPORT DEPARTMENT
BOOTS PURE DRUG CO. LTD.
NOTTINGHAM - - - ENGLAND

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JUNE 19, 1937

28 ESSEX STREET, LONDON, W.C.2



Important Notice!

NEXT WEEK IS THE

ANNUAL SPECIAL ISSUE

therefore "THE CHEMIST AND DRUGGIST" SUPPLEMENT will be put to press a day earlier than usual. Accordingly any advertisements intended for the Supplement of

JUNE 26th should reach this Office not later than **10 A.M. on WEDNESDAY, JUNE 23rd**

Advertisements RECEIVED LATER will be inserted in the issue of **JULY 3rd**

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone Nos.: CITY 2283 & 7477

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—NORTHEN SUBURB.—High-class Retail Business; established over 20 years; takings last year £2,260; gross profit £735; accountant's figures; beautifully fitted pharmacy; living accommodation over; stock worth about £550; further details upon application; reasonable purchase price.

2.—EPSOM (NEAR).—Branch Business for sale; good-class clientele; takings under management approach £2,400 per annum; good profits; modern living accommodation; reasonable rental; price £1,150 all-at, or near offer, or £400 plus the stock and fixtures at valuation.

3.—TWICKENHAM (NEAR).—Middle-class Business situate in excellent position; sub-Post Office attached; takings last year approximately £1,200; scope for considerable increase; Post Office remuneration nearly £13 per month; excellent modern flat over; price £800 or valuation terms entertained.

4.—ILFORD, ESSEX.—Light Retail Business situate in busy main road; takings last year approached £1,800; gross profit £716; handsome mahogany fixtures; good clean stock; long lease at reasonable rental; £1,000 all-at, or valuation terms entertained.

5.—HAMPTON COURT (NEAR).—Light Family Retail and Dispensing Business for sale owing to retirement of Vendor; in present hands 29 years; takings last year over £1,800; good profits; valuable stock; nice living accommodation; very reasonable rental; price about £1,100 all-at, or valuation terms entertained; also small branch for disposal, price £300.

6.—HARROW (NEAR).—Very Good-class Business with Photographic; takings exceed £2,700 per annum; excellent profits; modern living accommodation; long lease; minimum price £2,000 all-at.

7.—BATTERSEA.—Branch Business for sale, Middle-class; excellent Panel and Kodak Agency; takings last year £1,839; stock and fixtures estimated to be worth about £900; price £1,000 all-at, or valuation terms entertained.

8.—BRIXTON.—General Retail Business with old established proprietary attached; established over 100 years; net profit averages nearly £450 per annum; nice living accommodation over, at present sub-let to more than cover rental; price required for business, £800 all-at or near offer.

9.—BARKING.—Family Retail Business with excellent Panel and Photographic; Kodak, Selo and Rexall Agencies; takings last year £1,347; good profits; stock worth £500; comfortable living accommodation over with bathroom; new lease at £90 per annum; purchase price required £800 all-at.

10.—SHEPHERD'S BUSH.—Middle-class Business, established about 8 years ago; takings under management last year £1,106; net profit to managing proprietor £300 per annum; accountant's figures; rent and rates under £60 per annum inclusive; purchase price required £500.

11.—BIRMINGHAM.—Vendor purchased another business. General Middle-class Business; takings last year £622; net profit £5 per week;

good stock; very low rental, only £20 per annum inclusive; price asked £200 all-at, or near offer.

12.—CUMBERLAND.—Light Family Retail Business run under management of a lady; takings last year £1,486; net profit £372; chartered accountant's figures; excellent living accommodation; rent only £65 per annum; stock £600; price £1,000 all-at, or valuation terms entertained; Vendor bought a business on the South Coast.

13.—SURREY (FEW MILES OUT).—Middle- and Working-class Branch Business for disposal; takings about £12 per week, scope; stock worth £250; very low rental; inclusive price required £450.

14.—FRINTON (NEAR).—Good Middle-class Business with Photographic; takings average over £60 per week; net profit £12 per week; accountant's figures; very nice living accommodation; about 30 years' lease, available at £110 per annum; inclusive purchase price required £2,500, or valuation terms would be entertained.

15.—STAFFORDSHIRE.—Good Middle-class Business with Wine Licence attached; old-established and in present hands 16 years; takings for year just completed £1,626; excellent profits; nice living accommodation; new lease; stock and fixtures estimated to be worth £750; inclusive purchase price required £900, or valuation terms would be entertained.

16.—WORCESTERSHIRE (DEATH VACANCY).—Very good Middle-class Business for sale; valuable Agencies; takings average over £80 per week; premises occupy important position; stock and fixtures valued at £2,400; purchase price required £3,500 all-at, or valuation terms entertained.

17.—DORSET COAST.—Good and Middle-class Business for sale; takings this year will be about £3,000; valuable stock and fixtures; nice living accommodation over, at present sub-let; price asked for the goodwill £800; stock and fixtures estimated to be worth £1,275.

18.—LUTON.—Middle-class Cash Retail Business for immediate disposal, owing to Vendor having purchased another concern; takings last year £1,212; gross profit 37 per cent.; Vendor owns the premises, and will let them on a very reasonable basis; there is living accommodation over which can be had if desired; purchase price required is £250 plus the stock and fixtures at valuation; total outlay would be, with stock at £250, about £650; Wine Licence attached.

19.—BARNARD CASTLE (RETIREMENT VACANCY).—General Retail Business offering scope for increase; takings last year £511; net profit £4 per week; price value of stock and fixtures only, in all about £400; nice accommodation over; new lease.

20.—WESTCLIFF-ON-SEA.—For sale owing to bereavement.—Middle-class General Retail Business; established about 12 years; takings last year £1,820, this year will be more; stock and fixtures worth about £890; inclusive purchase price £1,050 all-at, or an agreed sum for the lease and goodwill, the stock and fixtures to be sold at valuation.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

ERNEST J. GEORGE & Co.

Bank Chambers, 329 High Holborn, London,
Telephone Nos. : Holborn 7406 & 7407 (2 lines) **W.C.1**
-15 Bridge Street, Walsall Telephone : Walsall 3774

Lancashire and District Representative: Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone : Great Moor 2405

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.

(C1) ISLINGTON (NEAR).—Old-established; for sale owing to retirement; turnover approximately £3,000 per annum; premises occupy prominent position in busy main thoroughfare; reasonable rent; long lease; price by negotiation.

(C2) HERTFORDSHIRE.—Modern Pharmacy with up-to-date flat above; reasonable rental; long lease; increasing turnover, now upwards of £3,000 per annum; net profit £600/£700; genuine reason for selling; price £2,200, or near offer.

(C3) NOTTING HILL (NEAR).—Well positioned and extremely attractive, lock-up Pharmacy, situated in good-class district; turnover approximately £2,600 p.a.; reasonable purchase price.

(C4) LONDON, S.W.—Established main road cash business, with increasing turnover, at present upwards of £2,000 per annum; net profit to owner-proprietor should approximate £500; good living accommodation; rent £78; good panel; price £1,100 all-at; quick sale desired for genuine reasons; early application strongly advised.

(C5) CHESHIRE (SMALL TOWN).—Prominently situated lock-up Pharmacy; average turnover approximately £1,650 per annum; rent £60; for a quick sale owner will sell at sacrifice figure representing little more than value of stock and fixtures.

(C6) WOLVERHAMPTON (NEAR).—Old-established business with Wine Licence; turnover for last financial year, £1,626; gross profit nearly 40 per cent.; living accommodation with garage, etc.; low rental; price for quick sale £200, plus value of stock and fixtures; near offers considered; Owner has agreed to purchase, through our agency, a larger business in the South.

(C7) WILTSHIRE (RETIREMENT VACANCY).—Village Pharmacy with living accommodation; in present hands for over 30 years; low rental; stock and fixtures estimated at £550; price £650 all-at.

(C8) WIRRAL.—Good family business with no near opposition; turnover for last financial year, £1,061; net profit £312; this year's figures show an increase; up-to-date house; excellent potentialities; price £700; property, upon which a substantial mortgage can be arranged, also for sale.

(C9) STEPNEY.—Prominently situated, up-to-date Pharmacy occupying corner position; at present under management; now doing at the rate of about £35 per week, with scope for early increase up to £45/£50; modern flat with all conveniences; genuine reason for selling; stock and fixtures estimated at £600; immediate sale desired, and first reasonable offer secures.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates. Agency for locums, managers, etc.

The ANNIS MEDICAL AGENCY Ltd.

51 SOUTH KING STREET, MANCHESTER 2

Telephone: Blackfriars 4451-2

South Manchester Suburb, newly opened Pharmacy and Optical business beautifully fitted, double-fronted, living accommodation (optional) on main road corner, turnover £12 a week increasing, N.H.I. extra, stock at valuation £225 approx., fittings £150, goodwill best offer.

BUSINESSES FOR DISPOSAL

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

CUMBERLAND.—Old-established family Business; N.H.I. and private Dispensing, good Photographic trade; house attached, moderate rental; turnover £1,500. 110/25, Office of this Paper.

ESSEX (Important Town).—Very small, recently opened Chemist's Business; valuation terms or cash offer; house accommodation; low rent. 112/8, Office of this Paper.

ESSEX.—Old-established Business; very much neglected; could be increased threefold; lease 5 years at £100 p.a.; returns £500 p.a.; lease would be granted at smaller rental to an energetic man. Apply 304/980, Office of this Paper.

LEITH.—Business in main thoroughfare and shopping centre; large shop and back shop and cellarage; handsomely fitted and well stocked; turnover trebled in last three years; capable of considerable increase; low price and part payment accepted for immediate purchase. 110/26, Office of this Paper.

LONDON (near).—Well-stocked and equipped Pharmacy, main road, unopposed, bus stop; double-fronted with living accommodation above; Kodak, good Panel, increasing trade, now doing £235; will easily double; comfortably run single-handed, price £575 represents value of stock and fittings; would accept valuation terms; no agents; genuine reason for sale. 110/16, Office of this Paper.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED

(Business Agency, Transfer & Valuation Department)

KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS, Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL.

PARKIN S. BOOTH, Valuer. Tels. : CITY 3691 (4 lines).

VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.

Enquiries Invited.

LONDON, N.—Dispensing and Family Retail Business for immediate disposal; lease 10 years to run; rent £120; rates £40; let off £90; N.H.I. about 200 a month; well-stocked shop; sell at a sacrifice. For full particulars apply 304/979, Office of this Paper.

LONDON, N.W.—Opportunity to acquire a newly-opened business in marvellous main road position; turnover already £25 a week, with tremendous possibilities; rent £175; rates £60; price for a quick sale will be the value of the stock and fixtures only (approximately £750); special and urgent reason for selling, 111/24, Office of this Paper.

N.W. SUBURBAN.—Middle-class cash Retail with small side-line; net profit exceeds £350; well fitted and stocked; reasonable price for cash, or would exchange for country business. 110/22, Office of this Paper.

S. LONDON.—Urgent; Chemist, Grocery, Sub Post Office; lease 33 years unexpired; net profit £500 per annum inclusive; purchase price £1,250. Apply, Solicitor, 304/993, Office of this Paper.

SEVENOAKS.—Drug Store for sale, large shop, unopposed, main road; averaging £14 per week; good profits; fine opportunity; self-contained flat with garden; must be sold immediately, for genuine reasons; £225 all at (shop). 98 London Road, Sevenoaks.

SURREY.—An opportunity occurs to acquire a good sound business; rent £80; long lease; good living accommodation, part which can be sublet for £50 per annum; garden; garage; small outgoings; easily run; good reason for disposal; price £650, all at, 111/54, Office of this Paper.

AN EXCEPTIONAL OPPORTUNITY.—Chemist Shop, Victoria district, temporarily closed, but stocked and well fitted, ready to open immediately, low inclusive rent; special reason for quick disposal; any reasonable offer; (no premium). Communicate Ellis Goodson, Certified Accountant, Bank Chambers, 1 Long Acre, W.C.2.

CHEMISTS' business (London); 10 years' progressive trading; turnover, 1934 £5,400, 1935 £5,756, 1936 £6,874; accountants' figures available; owner (Unqualified) poor health, wishes to retire; comprises two-storied bold corner building; window space 60 ft. approx.; busy main road, buses, trams, two railway stations adjacent; sub-letting produces half rent; lease 40 years; exceptional scope for Optics, N.H.L., Photographic; if under Qualified supervision, wages reduced one-third; price £3,500 s.a.v.; no agents. Write, 304/974, Office of this Paper.

FOR SALE.—Chemist and Druggist shop, main road, near West End; excellent living accommodation; increasing trade. Apply 110/1, Office of this Paper.

FOR SALE.—Main road Business (lock-up shop), Peckham district, under management, is offered at low inclusive price of £50; premises are leasehold, portion sublet, covers rental; there is no Pharmacy within half-mile in one direction, thus offering good scope and opportunity. 105/28, Office of this Paper.

OLD-ESTABLISHED business for sale; suit Qualified or Unqualified man; rent £32 10s. per annum; lease 8 years to run; Selo and Kodak agency; good stock and fittings; double-fronted shop; turnover, £15-£17 per week; scope for increase; genuine reasons for disposal; low price asked. 304/982, Office of this Paper.

OLD-ESTABLISHED Chemist's, with Wine Licence; leading position busy South Coast resort; expensively fitted double-fronted shop (35 ft. by 45 ft.), Office, Optical Room, Store Rooms; spacious living accommodation; turnover £1,800-£1,900 per annum; gross profits £850-£900; present hands 25 years; big scope younger hands; sound Dispensing connexion, Kodak agency; £650 s.a.v. (approximately £600). Griffiths Preese, Bournemouth.

TO MULTIPLE FIRMS, CHEMISTS, AND INVESTORS
By direction of Gwilym A. Howell, Esq., who has accepted a position abroad.

TENDERS are invited for the SALE of those well-established BUSINESSES of
HOWELL & CO. (CHEMISTS), LTD.,
at NOLTON STREET, BRIDGEND, and
JOHN STREET, PORTHCAWL.

Both businesses are under management, have low rentals and long leases, and carry the usual agencies, in addition to a Wine Licence at Bridgend.

Tenders to be submitted by June 30.
Full particulars from the Secretary, 52 Nolton Street, Bridgend.

BUSINESSES WANTED

DRUGS AND PHOTOGRAPHIC, wanted in good district, Southern Counties or near London; modern shop with living accommodation, showing about £300 yearly net profit and capable of expansion. Particulars in full, 110/6, Office of this Paper.

SOUND BUSINESS WANTED by Advertiser returning to England from Africa in early autumn; must be old-established, good-class Retail; turnover £2-3,000; Home Counties or South preferred; good house essential; correspondence invited giving full particulars, which will be treated strictly confidential. Address reply in first instance to 109/1, Office of this Paper.

PREMISES TO LET

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

CHEMISTS, LOOK.—Shop to let, main road position next to chain tobacconist's; ample scope; Gravesend district. Apply "Owner," Unity House, Dartford Road, Dartford, Kent.

LAST TWO SHOPS to let in new high-class parade, busiest part of Streatham High Road; £120 and £200 per annum. Apply Letting Manager, 7 The High Parade, Streatham High Road, phone Streatham 9627; or Bell Investment Trust Ltd., 115 Park Street, Mayfair, W.1, phone Mayfair 4201.

SMALL Factory, 800 feet; good basement, with living accommodation; suitable for light Manufacturing or Storage; Camberwell; 30s. per week inclusive. Write Jenkins, 20 Peckford Place, Brixton, S.W.9; Brixton 5121.

TO LET, Shops in new Parade in rapidly growing district; 2,000 houses already built in vicinity, nearest shops ½-mile; chance of a lifetime; Southall district. Rent and particulars, apply Lansdowne Property Co., 17 Lansdowne Road, S.W.8.

PREMISES FOR SALE

GOOD Business or Private House for sale; well situated central position village of Ramsbury, Wilts; 42 ft. frontage, 4 bedrooms, electric light, nice garden, bounded by River Kennet; good opening for Chemist or Hairdressing; possession on completion. Full particulars, apply Pullen, Ramsbury, Wilts.

APPOINTMENTS

COUNTY COUNCIL OF MIDDLESEX

PHARMACIST (non-resident),

CLARE HALL SANATORIUM, SOUTH MIMMS

APPLICATIONS are invited for the above pensionable appointment. Salary £250 per annum rising by annual increments of £12 10s. to £325 per annum.

Candidates must be graduates in Pharmacy of a recognised University or hold one of the qualifications of the Pharmaceutical Society of Great Britain. The officer appointed will work under the direction of the Medical Superintendent, and will devote whole time to the duties of the post, which will include simple pathological work of a routine character. The appointment, which will be subject to medical examination, will be held during the pleasure of the Council and is terminable by one month's notice on either side.

Applications, stating age, qualifications and experience, together with copies of not more than three recent testimonials, must be received by the undersigned not later than June 26. Relationship to any member or officer of the Council must be disclosed in the application. Application forms are not provided. Envelopes must be endorsed "Pharmacist, Clare Hall Sanatorium, 'L.I.'"

Canvassing, directly or indirectly, will be a disqualification.

C. W. RADCLIFFE,
Clerk of the County Council.

Middlesex Guildhall,
Westminster, S.W.1.

June 3, 1937.

EDUCATIONAL

REQUIRED, 15 Men or Women of Personality for Openings awaiting Qualified Chiropodists. Full necessary training provided for moderate fee, in special six months' intensive course in World's Largest Chiropody School. Expert medical and technical staff; unequalled opportunity for practical training in Foot Hospital treating over a quarter of a million patients annually. Write, National School of Chiropody (Dept. 90), 133 Upper Street, London, N.1.

AGENCIES

AGENCY required for Midland Counties by well-known man for (1) Medical bottles and associated supplies for Doctors and Chemists; (2) Proprietary Medicines and Foods for Chemists. Office, storage and distributive facilities if necessary, 111/39, Office of this Paper.

WEE-KURA, LTD., Knaresborough, have additional openings for commission Agents who will give daily business for their popular lines which have been repeat lines since 1926; commission paid weekly; colonies, export and home trade; must be well-known firms or agents.

PARTNERSHIPS

ADVERTISER seeks active Partnership in established Drug Stores; or would like to meet another willing to join in taking business. 113/1, Office of this Paper.

SALE BY AUCTION

Removed from Camberwell for Convenience of Sale.

5 LITTLE BRITAIN (close to G.P.O.), LONDON, E.C.
CHEMIST'S SHOP FITTINGS, Drug Runs, Shelving,
Nests of Drawers, Counters, Showcases, Mirrors, Cash
Tills, Office Furniture, Safes, Typewriters.

B. NORMAN & SON

will sell by Auction, Wednesday next, June 23, at 12
noon. View day prior. Catalogues on application.
Tel. NAT. 6463.

APPRENTICES

APPRENTICE wanted; salary 15s. first year, £1 second year,
30s. third year; time allowed for study, and personal help
would be given. Apply "Chemist," 5 Maury Road, Stoke Newing-
ton, N.16.

HERBERT L. WADE, M.P.S., will shortly have a vacancy for
Apprentice (either sex); sound Pharmaceutical training.
Write, 147 Ley Street, Ilford, Essex.

SITUATIONS OPEN

RETAIL (HOME)

6s. for 40 words or less; 6d. for every additional 10 words
or less, prepaid. (Box No., 1s. extra.)

BOGNOR REGIS.—To middle September; Young Unqualified
Male Assistant for good-class Light Retail and Dispensing,
with Photographics; suit Part I man; state age, height, experi-
ence and salary required; applications not answered in 4 days
respectfully declined. Barry, Chemist, Bognor Regis.

BRIGHTON, residential district.—Unqualified male Assistant re-
quired shortly; permanency; must be accurate Dispenser with
knowledge of Window-dressing, courteous and attentive at the
Counter. Please state age, experience and salary, photo if pos-
sible. 111/37, Office of this Paper.

BRISTOL.—Qualified Junior Assistant; permanency; easy hours.
Apply with full particulars, S. M. Lennox, Chemist and
Optician, 82 Stokes Croft, Bristol.

CAMBRIDGE.—Qualified Assistant wanted, with experience in
good-class Family and Dispensing business. State age,
height, salary required, and when disengaged (send photograph),
G. Peck & Son, Ltd., Chemists.

CENTRAL LONDON.—Qualified Chemist required immediately
for West End business; opportunity for smart young man
requiring experience; good conditions and future to right appli-
cant. 304/987, Office of this Paper.

DERBY.—Qualified Assistant, permanency, required for Family
business; good Counter manner, Window-dresser, N.H.I. Dis-
pensing, Photographic. State experience, salary required, when
at liberty, enclosing photo, to 110/15, Office of this Paper.

DEVON.—Manager required for branch in coast town; good
Display and Salesman; able to control staff. Apply 304/988,
Office of this Paper.

ECCLES, LANCs.—Energetic Qualified Manager wanted for
branch; progressive position, with view to succession if de-
sired. Write first stating age, height, experience, salary, photo (if
possible) to C. Kaye, Market Deeping, near Peterborough; good
living accommodation available if married.

GLOUCESTERSHIRE.—Small town; Manager required with ex-
perience of similar country trade. Apply 304/983, Office of
this Paper.

HAMPSHIRE.—Qualified Manager required for good-class Dis-
pensing business in small country town; permanency. Full
particulars of experience, etc., to 304/986, Office of this Paper.

HANTS.—Wanted, Qualified Assistant to take charge of small
select branch; excellent living accommodation. Please
supply usual particulars, and when disengaged, Litchfield, South
Farnborough, Hants.

KENT COUNTY COUNCIL—Locum Pharmacist (male) required
for the period August 4-26, 1937, inclusive; Hospital ex-
perience preferred; salary £6 6s. per week. Applications stating
age, qualifications and experience and accompanied by testimonials
to be forwarded forthwith to the County Medical Officer, Public
Health Department, Sessions House, Maidstone.

LONDON.—Qualified Assistant (permanent), also Qualified Assis-
tant for three months for holiday relief work; middle-class
trade. Give particulars of experience, names of references, when
disengaged, age and salary expected. Apply (letter only) Chemist,
37 Sydney Road, London, N.16.

LONDON.—Qualified Assistant required, capable and reliable Dis-
penser; able to take charge if necessary; working-class dis-
trict. Send full particulars, age, experience, references, salary
required, and when disengaged. 112/14, Office of this Paper.

LONDON.—Qualified Junior Assistant required shortly, with
knowledge of Photography. Apply by letter, stating age,
experience, when free, and salary required, to the Secretary, Shad-
forth Prescription Service, Ltd., 49 King William Street, E.C.4.

LONDON, E.—Qualified Assistant required, easy berth. Apply
by letter stating salary required. 111/44, Office of this
Paper.

LONDON, N.—Unqualified Assistant (20-25) required by July 12;
permanency; must be a quick and accurate Dispenser, good
Salesman and Window-dresser. Send full particulars of experi-
ence and salary expected, 111/20, Office of this Paper.

LONDON, S.E.—Qualified Assistant, young, wanted in 2 or 3
weeks for quick cash business; hours 8.45 a.m. to 8 p.m.,
Thursdays 1 o'clock except one in four all day off; good Dispenser
and Counterman (outdoors). Apply by letter, usual particulars,
Milner, Chemist, Greenwich.

LONDON, S.E.—Qualified man for middle-class business with
N.H.I. and Photography; week's holiday this summer; per-
manency (last man seven years); reasonable hours. Give approxi-
mate height, age, and wages required to 111/29, Office of this
Paper.

LONDON, S.E.18.—Qualified Assistant wanted, either sex; good
Dispenser; permanency. State age, height, experience and
salary required to A. J. Wing, M.P.S., 69 Powis Street, Woolwich.

LONDON, S.W.1.—Qualified Assistant (male) required. Apply,
giving usual particulars and salary required, to Bradley &
Bourdas, 43 Warwick Street, S.W.1.

LONDON, W.—Qualified Assistants wanted immediately for high-
class Dispensing and Retail business; reasonable hours;
good salary and prospects to capable and experienced salesmen.
Apply Superintendent, Heppells, 70 Vauxhall Bridge Road, S.W.1.

LONDON, West Suburb; part-time Qualified each Wednesday
and Sunday, 6 till 7.30; experienced at Counter and Dis-
pensing. State experience and terms, 111/49, Office of this Paper.

LONDON, W.1.—Qualified Assistant required; must be first-class
Salesman. Apply, by letter, stating experience and salary
required to H. N. Davidge, 11 Shaftesbury Avenue, W.1 (corner
of Piccadilly Circus).

MIDLANDS.—Wanted, July 1, temporary Qualified Assistant
for high-class Dispensing business. Reply, with photo, giv-
ing age, experience and salary required, 111/11, Office of this
Paper.

NEAR MANCHESTER.—Wanted at once, a Qualified man for
light Retail business; duties not arduous; easy hours; no
Sunday attendance; would suit young man requiring experience or
middle-aged. Apply, giving full particulars, age, salary (moderate)
and copies of references, to 304/977, Office of this Paper.

NORTH LONDON.—Smart young Qualified Manager wanted for
business in Hertfordshire; immediate vacancy with good
future to right man. Apply 304/985, Office of this Paper.

PORTSMOUTH.—Qualified Manager required for branch; able
to organise displays and promote sales; excellent prospects
to suitable applicant. Apply 304/984, Office of this Paper.

SHEFFIELD.—Qualified Manager required for middle-class trade
in growing district; experienced Window-dresser; must be
keen and capable business builder; good references essential. State
salary and full particulars first letter. Needham, Fairleigh Manor,
Sheffield.

SKEGNESS.—Wanted, Season Assistant (under 30); knowledge
of Photography. State wages required (until middle of
September), recent references, and photo if possible, W. D. Hall,
Chemist.

SOUTH STAFFORDSHIRE.—Capable and energetic Qualified Chemist wanted for business in industrial district; alternate Sunday duty 2 hours. Replies must state salary required (to live out) and a photograph must be enclosed; Dispensing and Counter chiefly; permanent. 303/966, Office of this Paper.

STOCKPORT.—Young Qualified or experienced Unqualified wanted for summer months. Apply by letter giving full particulars of experience, salary required, etc. Mills, Chemists, 11 Mealhouse Brow, Stockport.

SURREY.—Unqualified lady Assistant required, not under 26 years of age, with knowledge of Dispensing; a tactful Saleswoman essential and able to make attractive displays; one seeking a permanency. Full particulars with photo, salary required (outdoors), Kershaw, 189 Stafford Road, Wallington.

A JUNIOR Unqualified Assistant, also a Qualified Branch Manager required for middle-class Dispensing business near Manchester; must be experienced in private and N.H.I. Dispensing. Full particulars, including age, experience, and salary required, to 111/25, Office of this Paper.

A N Unqualified Gentleman (25-30), for good-class Dispensing business, London, W.; salary 65s. weekly, 111/9, Office of this Paper.

ASSISTANT, Unqualified (or Qualified), locum, wanted at once for about 2 or 3 weeks; no Sunday duty. Apply, giving full particulars of age, salary required, experience, by return, and name reference, etc., to Platin, Chemist, Chelmsford (or Phone 2908).

ASSISTANT, Unqualified, wanted June to mid-September for light Dispensing and Photographic business, with working knowledge of D. and P. Apply, giving details of experience, salary required and references, to F. de Lisle, Old Pier Street, Walton-on-Naze, Essex.

ASSISTANT wanted, Qualified or good Unqualified, immediately or as soon as possible; exceptional experience afforded. Apply, giving fullest particulars and stating salary required, Best, Chemist, Ewell, Surrey. Phone, Ewell 1000.

BIRD & STOREY, Marble Arch, require a Qualified Chemist; extensive experience not essential; good prospects. Apply by letter only, endorsed "Staff," to 1 Marble Arch, London, W.1.

BRANCH Manager required shortly; permanency; excellent opportunity for a keen man; house available if required. State salary and give full particulars (photo if possible), Hawkeswood, Chemist, Woolaston, Stourbridge.

BRANCH Manager wanted; must have initiative and energy; house available. Apply, fullest particulars, references and photo, to The Managing Director, Corfe & Son, Ltd., Maidstone.

CHEMIST-OPTICIAN as Manager in South Wales; comfortable position to the right man. State age, experience, salary, references, 111/4, Office of this Paper.

E. B. STAMP, 29 High Street, Hampstead, N.W.3, has vacancy for an Unqualified Junior Assistant; energetic, good Counter-man; splendid opportunity for young man to gain valuable experience in good-class business. Apply by letter stating salary, references, etc.

ELDERLY Pharmacist, or just Qualified, required immediately as Superintendent for small country business; short hours; light duties; 3½ miles Southend-on-Sea. Apply, giving full particulars, salary (moderate), and references to J. C. Joy, Ltd., Rayleigh Road, Eastwood, Essex.

JUNIOR as Improver following apprenticeship; good opportunity for London experience. Apply "L," 304/992, Office of this Paper.

JUNIOR Assistant for Drug Counter; good appearance, gentlemanly, smart Salesman. State age, experience, salary required, and when free to commence. Letters only. Galloways, New Street, Birmingham.

LADY, Qualified, required in Edgware; situation vacant next month. State wages and experience, send particulars to F. Woodward, 41 The Gardens, West Harrow, Middlesex.

LOCUM, Qualified, required for following dates in London: June 21—July 4, July 19—25, August 2—22. Apply, 283 Walworth Road, London, S.E.1.

LOCUM.—Male, Unqualified, required for two or three weeks in July from 5th or 12th to 24th, inclusive; fares, etc., paid; must be accurate, reliable Dispenser. Nicholl, Chemist, High Street, Dorking.

LOCUM, Qualified, for two weeks from July 5. Please state salary required and usual particulars to J. A. Cordey, Chemist, 28 Amptill Road, Bedford.

LOCUM, Qualified, Lady or Gentleman, immediately, until October 2; no Sunday or half-holiday duty. Please state salary and full particulars to T. H. Prichard & Son, Ltd., Chemists, Abertillery.

LOCUM, Qualified, required; either sex; any fortnight in August commencing not later than August 23; 9-21 or 16-28 preferred; 3 hours daily; £4 per week. Apply Pharmacist, Lowestoft Friendly Societies Medical Institute, Lowestoft, Suffolk.

LOCUM, Qualified, required from June 21 to July 3, for Counter and Dispensing. State particulars and salary to Jones & Co., Chemists, 161 New Cross Road, London, S.E.14. Phone, New Cross 0548.

LOCUM.—Wanted (Apothecaries Hall), from July 19 for four weeks, all mornings and evenings; no Sunday work; 3 guineas per week. Drs. Chamberlain, Wallis and McLeish, 63 Sheen Lane, Mortlake, S.W.14.

LOCUM wanted, July 1, for one month (less period considered). Leadbitter, Sunderland.

MANAGER required for small branch in Kent, preference to one seeking permanency. Apply with all particulars in first instance to 110/8, Office of this Paper.

MANAGER wanted for flourishing modern branch shop. Apply, giving fullest particulars, and stating salary required, Best, Chemist, Ewell, Surrey. Phone, Ewell 1000.

QUALIFIED and Unqualified Assistants; permanency or holiday relief. Apply Lewis & Burrows, Ltd., 146 Holborn, E.C.1.

QUALIFIED Assistant for Dispensing and good-class Retail; house over premises available. Full particulars with photo if possible to Manager, E. Bing & Son, Canterbury.

QUALIFIED Assistant for Family and Dispensing business. Full particulars to H. C. Neve, 1416 London Road, Norbury, London, S.W.16.

QUALIFIED Assistant for June 28 or nearest; no Sunday or half-day duty; old-established business in working-class district. State age, experience, references, and salary required, Dyson, 143 Albert Road, Sheffield 8.

QUALIFIED Assistant for Outer London suburb; of good appearance and address; Dispensing and Counter; for permanency. Please state age, salary required, and when at liberty; apply, 111/36, Office of this Paper.

QUALIFIED Assistant required for Pharmacy near Wolverhampton; Dispensing and Counter; no Thursday or Sunday duty. Write, stating usual particulars, and salary, 111/3, Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When replying to advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. Many of these announcements produce an exceptionally large response and, as can be readily understood, the task of returning photographs, testimonials, &c., is one of some difficulty.

QUALIFIED Assistant wanted immediately for East London; used to quick N.H.I. work. State full particulars, salary required, 112/6, Office of this Paper.

QUALIFIED Chemist (gentleman) required from July 5 to September 25, for relief. Apply, with particulars of experience, references, and salary required, to Wilkie, 28 Hildreth Street, Balham, S.W.12.

QUALIFIED Chemist wanted for July 3-17, inclusive, for West End house. State salary required to P.C.B. 247/12, Office of this Paper.

QUALIFIED Chemist wanted immediately for N.H.I., Dispensary work; light duties; no Window-dressing; middle-aged or elderly man would suit; congenial post; permanency. Write or call L. & M. Langer, Ltd., 321 Bethnal Green Road, E.2.

QUALIFIED Junior Male Assistant; Photographic knowledge; accurate Dispenser; good Salesman; progressive salary and permanency to suitable man. Write, stating age, height, experience, and usual particulars, with photo and copies of recent testimonials (to be returned), Managing Director, Fuller, Chemist, Norwich.

QUALIFIED Lady Assistant Chemist required, mainly for Dispensing, but capable of taking charge of branch shop during holidays or sickness. Must have had first-class experience of Dispensing, and possess sound knowledge of proprietary medicaments used in prescriptions. Applications stating age, experience and salary required, also enclosing references and photograph, if possible, should be addressed to: The Secretary, Leeds Industrial Co-operative Society, Ltd., 10 Albion Street, Leeds (endorsed "Dispenser").

QUALIFIED Lady Assistant for North-east London Pharmacy, at beginning of August; progressive, permanent, and comfortable situation with light duties. State full particulars and minimum salary required to 112/12, Office of this Paper.

QUALIFIED lady; good Prescriber, Counter and Dispenser, no Window-dressing; superannuation and Trade Union hours; seaside. Apply, stating salary and full particulars, to Sheerness Co-operative Society, Ltd., 100 High Street, Sheerness, Kent, not later than first post June 28.

QUALIFIED Lady or Gentleman from July 10 to 17. Write, references, etc., Pearson, 63 Lupus Street, S.W.1.

QUALIFIED locum for 8 weeks, with view to permanency if desired, to commence June 26. Please write full particulars, experience, salary, etc., to Bewells, Ltd., 19/21 Pitfield Street, N.1.

QUALIFIED Manager for branch shop, house available; sound permanent position to right man. Apply, giving fullest particulars of experience, salary desired and photo if possible, in strictest confidence, to Mr. L. H. Shaw, Wands, Ltd., 12 Haymarket, Leicester.

QUALIFIED Manager for branch shop required, June 21 or later; good permanent position. Apply with particulars to F. C. Stock, Shaw Lane Pharmacy, Headingley, Leeds 6.

QUALIFIED Manager for new good-class branch S.W. London, July 5; excellent chance for young man; 9 till 7.30; no Sundays. State salary to 304/978, Office of this Paper.

ROYAL VICTORIA HOSPITAL, FOLKESTONE. 114 BEDS.

PHARMACIST, fully Qualified and preferably with previous Hospital experience, required to take up duties on July 1. Salary according to qualifications and experience. Applications should be sent to the undersigned,

14/6/37. F. T. WILTON,
Secretary Superintendent.

SEASON Assistant, Unqualified, at once, Lady or Gentleman, for Counter, Photo, Sales, Toilet, etc. Full particulars, salary, etc., in first application, Blades, Chemist, Llandudno.

TAYLORS Dispensing Chemists require Qualified Chemist for West London district; good Dispensing experience essential. Apply Retail Staff Manager, Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

TWO Qualified Ladies required for high-class business in S.E. London, and for season in Norfolk seaside resort. Full particulars to 111/13, Office of this Paper.

UNQUALIFIED Assistant required; Dispensing, Photographic and Counter experience. Apply, Woolland, 189 Station Road, Edgware; Edgware 4920.

UNQUALIFIED Assistant required immediately for Counter and Dispensing. Please state salary and experience to John Gower, Chemist, Llanharan, near Cardiff.

UNQUALIFIED Assistant required mid-July for Putney; permanency; Dispensing, Window-dressing, and good Counter manner essential. Full particulars, including age and salary required and when free for interview, to Durbins, Chemists, 24 Market Place, Kingston.

UNQUALIFIED Assistant (35 to 45) for high-class Dispensing Business; married; previous experience of good-class Dispensing essential; applicants must be prepared to answer night bell certain evenings per week; flat provided free; usual details and salary required, 304/989, Office of this Paper.

UNQUALIFIED Junior, either sex, required until September 18; must be courteous, obliging, good knowledge Dispensing, Photography, no D. and P. work. References, salary required to Holden, 127 High Street, Walton-on-Naze.

UNQUALIFIED Male (junior) Assistant wanted. Give full particulars and salary required, H. I. Weldrick, 41 Hall Gate, Doncaster.

WANTED.—Lady or gent. recently Qualified (M.P.S.); light duties, moderate salary; South Hants coast. 110/10, Office of this Paper.

WANTED.—Two Pharmacists (one by June 28 and one later). Applications stating age, details of experience and remuneration required, together with copies of recent references, should be addressed to the Committee, Co-operative Society, Ltd., Frankfort Street, Plymouth, and endorsed "Pharmacist."

WANTED, Unqualified Lady Assistant for Drug Department; must be fully experienced for Counter and General Shop routine. Apply by letter, stating age, experience, and salary required, not later than Monday, June 21, to Managing Secretary, Failsworth Industrial Society, Ltd., 9 Church Street, Newton Heath, Manchester 10.

WINDOW-DRESSER Expert (male or female) required for Isle of Wight, July and August; one used to "stocky" windows of small Fancy Goods. Apply with full particulars of experience, etc., and salary required, to 108/1, Office of this Paper.

YOUNG Assistant required; competent and reliable Dispenser essential; flat available. Give full particulars experience, salary required, referees, Wilmslurst, Chemist, Lancing.

YOUNG lady Assistant (London, S.W.) wanted with experience in fitting Elastic Stockings, Surgical Belts and Trusses. Write stating age and salary required to Box 608, Sells, Ltd., Bretteinham House, W.C.2.

YOUNG Unqualified Assistant wanted; must be good Counter-man and Window-dresser; a fair knowledge of Photography would be a great help. State salary, apply W. H. Green (Chemists), Ltd., 28 Earl Street, Coventry.

WHOLESALE

DISTRIBUTORS of high-class Proprietary articles require Representative, definite Christian, with connection mainly London; no allowances, but liberal commission. Write, W. G., Advance Studio, Dominion Buildings, South Place, E.C.2.

EXCEPTIONAL opportunity occurs for smart Young Man with £100 upwards, to join Manufacturing Business; remuneration £4 10s. per week, plus commission. Opening also occurs for Young Man capable taking charge of Distributing Depot in South Africa; salary £50 monthly, plus commission. Write 111/50, Office of this Paper.

IMPORTERS of Finest French Olive Oil require Representatives calling on London Chemists to carry same as extra line on a commission basis; also some territory still available in Provinces. Auliff, Harris & Co., 93A Pimlico Road, S.W.1.

PROFITABLE Extra Line for Representatives calling on Wholesale and Retail houses; state districts covered. Bugges Insecticides, Sittingbourne, Kent.

REPRESENTATIVE calling on Chemists wanted for Scotland; commission basis. Full particulars, Clay & Abraham, Ltd., Liverpool.

REPRESENTATIVES required to carry a well-known Toilet Preparation for men; advertised line; part expenses and commission basis; good opportunity for live men with connexion among Chemists and Hairdressers; territory available Eastern Counties, South Coast, West of England. Details of connexion, ground covered, in confidence, 304/975, Office of this Paper.

REPRESENTATIVES wanted for Midlands, Lancashire and Yorkshire by established Toilet Preparation Manufacturers, with nationally-known proprietary articles; age about 30; experienced in calling on chemists, Hairdressers and Stores; salary, commission and expenses paid; only capable, practical men need apply to 303/938, Office of this Paper.

REPRESENTATIVES wanted to carry as a side-line a nationwide advertised line for Midlands, Lancashire, East Counties, South Coast. 110/20, Office of this Paper.

REPRESENTATIVES with established connexion wanted to carry an extra line on commission; repeat lines; substantial commission; Lancashire, Cheshire, Yorkshire and North Wales areas vacant. Write, P.C.B. 247/9, Office of this Paper.

WET Counter hand (age 25-30) required immediately by old-established South London Drug House; good references essential. Full particulars to 304/976, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN

BRITISH COLONY.—Qualified Chemist required for Nigeria (age 22-25) single; two years agreement inclusive of leave on full pay; progressive salary, free quarters, and first-class passages outwards and home. Reply, stating when free, with full particulars of experience, and send photograph to 304/991, Office of this Paper.

SITUATIONS WANTED

RETAIL (HOME)

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.—MANAGER, Qualified (30), desires progressive post where initiative, ability and energy will be appreciated; experienced in all branches; undeniable references; used to control of staff. Apply 110/13, Office of this Paper.

As Locum or Temporary Assistant; excellent references; free from June 30 to July 15 only. Chemist, 66 High Street, Hastings.

DISPENSER; Man, elderly, wants post with Doctor or Chemist; willing to be generally useful. E., 13N Sutton Buildings, Chelsea, S.W.3.

DISPENSER seeks permanent position with Doctor or Chemist; 14 years' all-round sound experience; London suburb preferred. 111/21, Office of this Paper.

LADY Dispenser and Book-keeper; Hall experienced; seeks post, Doctor or Institution; in or near Bourne-mouth preferred. 109/2, Office of this Paper.

LADY Dispenser, Hall, young, energetic, all-round experience, requires post with Doctor or Chemist. Denning, Walsingham, Norfolk.

LOCUM (Lady), Hall certificate; well recommended by Doctors; free now. Lee, Methley House, Crabgate Drive, Skellow, near Doncaster.

LOCUM or permanency; Dispensing, Counter, Windows, Photography, Prescribing; unregistered, abstainer; London preferred. Locum, 31 Prince's Square, Kennington, S.E.11.

LOCUM, Qualified, experienced; highest references; disengaged July 4 (one week) or July 24 (two weeks) only. Jenkins, 7 The Crescent, Taunton.

NAMES AND ADDRESSES

When sending advertisements for any of the columns of this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not adhered to and delay and disappointment ensue. Strict attention to this detail will be appreciated.

LOCUM, Qualified; some years' experience; trustworthy; free June 28-July 3, July 26-August 7, after September 20. Harris, c/o H. R. Holman, Chemist, 150 Burnt Ash Lane, Bromley, Kent.

LOCUM, Unqualified, 14 years' thorough experience; conscientious worker; well recommended; £4 weekly and fare; few vacant dates. 109/10, Office of this Paper.

LOCUM, Unqualified (44), 5 ft. 8 in., abstainer; well recommended; free except July 5 to July 10. Mack, 18 Aycliffe Road, W.12.

MANAGER or Superintendent; elderly Pharmacist, active, competent; 9 years' reference last situation; moderate salary; S.E. preferred. T., 30 Agnew Road, S.E.25.

M.P.S., YOUNG, desires change, London or suburbs; West End experience; free one month. 110/18, Office of this Paper.

PART-TIME; a smart Qualified Man desires post for Saturdays only; expert Salesman, quick and accurate Dispenser; irreplicable references. Reply, 112/19, Office of this Paper.

PHARMACIST, Part I, requires position in Preston district for maximum period, 15 months; four years' previous experience in high-class Dispensing business in Aberdeen. Scott, 80 King Street, Aberdeen.

QUALIFIED Lady, experienced in Locum work; available July and August; terms, 6 guineas weekly and expenses. 108/4, Office of this Paper.

QUALIFIED Lady wants post; experienced buying, staff control; entire management undertaken; would give bond in position of trust; excellent references. Please give particulars of vacancy, state salary offered. Write confidentially to "Chemist," c/o 62 Upper Wickham Lane, Welliug, Kent.

QUALIFIED Lady (30) desires permanency in Lake District; 11 years' first-class experience (London and Provinces); excellent testimonials. P.C.B. 247/26, Office of this Paper.

QUALIFIED lady (25) requires post, locum or permanent; London or South preferred; free mid-July. 110/5, Office of this Paper.

QUALIFIED, twenty years; experienced Locum or Manager would work up neglected business with view to purchase. "Calais," Oakdene, Kingsley Road, Gloucester.

QUALIFIED (27) Manager or Assistant; used to middle-class business; Dispensing and Counter; please state wage. 109/4, Office of this Paper.

QUALIFIED (23), tall, desires permanent position, South Coast; high-class Dispensing, Photographic experience. Huntley, 75 Hyde Street, Winchester.

UNQUALIFIED, locum or part-time; excellent references; good all-round Salesman and Dispenser. 97/2, Office of this Paper.

UNQUALIFIED (23), 7 years' all-round experience, desires change; permanency preferred in Midlands; can wait suitable position. 111/38, Office of this Paper.

WHOLESALE

A WELL-KNOWN Representative, with established Chemists' and Hairdressers' connexion—Hants, Wilts, Dorset, Somerset, Glos, Oxon, Devon, Cornwall, Isle of Wight (regularly worked by own car every three months), is available for sound additional Agency; Nationally-advertised line preferred; part expenses and/or commission; intensive worker; first-class references. Replies in strict confidence to 109/8, Office of this Paper.

ACTIVE Sales Manager seeks executive position, progressive house; experienced in selling and inside correspondence; would consider Directorship or Junior Partnership; would invest £1,000 immediately and more later, if desired. 109/6, Office of this Paper.

ADDITIONAL Line invited; really high-class, exclusive Novelty, suitable for leading Provincial and Scottish Stores, etc.; strictest confidence observed. P. Matthews, Lincoln Hall Hotel, Upper Bedford Place, W.C.1.

ADVERTISER, Qualified (29), seeks to join progressive House, either inside or Representative; Retail, Representative and Advertising experience, administrative and organising ability; energy and initiative; good personality and address. 107/3, Office of this Paper.

ADVERTISER (37), covering Lanes, Cheshire, excellent connexion, Chemists, Stores, Hairdressers, seeks change, or good Agency; own car. 110/14, Office of this Paper.

CHEMIST, Qualified, 25 years' manufacturing experience, Infusions, Extracts, Tablets, Specialities; requires position as Supervisor or position of trust. 304/981, Office of this Paper.

PHARMACIST (age 35), thorough knowledge of Electrical and Mechanical Engineering with Pharmaceutical Manufacture, seeks position as Representative; Excellent references from pharmaceutical and engineering firms. 95/8, Office of this Paper.

PHARMACIST, wide experience in Retail, Hospital, Wholesale (calling on Doctors, Dentists, Chemists), offers services as Supervisor, Representative, or would undertake Medical Propaganda; car driver; free to reside anywhere. Pharmacist, 23 Old Manor Drive, Isleworth, Middlesex.

QUALIFIED M.P.S., experienced Salesman and Propagandist; for twenty years with leading Manufacturers; requires responsible position with progressive house; disengaged end September. "Galen," 6 High Road, Buckhurst Hill, Essex.

REPRESENTATIVE (ex Public School boy); very fine connexion with Chemists, Hairdressers, etc., Midlands; seeks position of responsibility; own car. 111/40, Office of this Paper.

REPRESENTATIVE (28) first-class experience calling on Doctors, Dentists, etc., Sales and Propaganda, seeks engagement with Wholesale House, London or Provinces; own car; highest references. 112/11, Office of this Paper.

SECRETARY Organiser, who can also Sell, requires position; 10 years' experience with national advertisers proprietary lines; special knowledge women's intimate hygiene products; would prefer to help build a young progressive concern. P.C.B. 247/25, Office of this Paper.

TRAVELLER, experienced, well educated; 19 years' Toiletries and Medicinals packed bulk; sound Retail Chemists' connexion; 11 years London (Metropolitan area); (40) married; own car; seeks full or part-time engagement; highest references; available shortly. P.C.B. 247/51, Office of this Paper.

TRAVELLER, 17 years' experience; extensive connexion Chemists, Hairdressers and Fancy Goods throughout Scotland, desires an additional first-class agency; excellent references; own car; commission and part expenses. 111/26, Office of this Paper.

YOUNG Man with long-established connexion Glasgow and district amongst Doctors, Hospitals, Nursing Homes, Associations and Chemists, desires good Agency; has well-fitted office centrally situated in Glasgow. 111/51, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN

QUALIFIED Perfumer, Cosmetic Chemist; Frenchman, long experience in laboratories, first-class references, speaking and writing perfectly English and German, open for immediate engagement in Europe or abroad. J. Ehrman, 20 Rue Villeneuve, Clichy (Seine), France.

FOR SALE

(Articles to the value of £5-£50.)

GIVING up Optics; full equipment for sale, including British Optical Unit, cost £120, charts, sundries, Frames, etc.; will sell at much reduced price. Terms arranged if required. Full particulars from Victor W. Levy, M.P.S., 35 Roman Road, Middlesbrough.

SMALL CASH REGISTER, National; prints sales on roll; gives total; perfect, but unwanted. Write, P. West, 17 Thornhaugh Mews, Woburn Square, W.C.

MISCELLANEOUS

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

CHEMISTS' FITTINGS.—New and Second-hand Drug Runs, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., at competitive prices. F. MAUND & E. BERG (SHOWCASES), LTD., Shopfitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

MANAGE YOUR OWN BUSINESS!

Facilities offered make this possible. Write Building Owners, etc., 110/17, Office of this Paper.

SALES VACANCIES. Every year some 4,000 new men enter selling positions to replace retirements, &c. You can quickly qualify, through interesting spare-time study, to receive introductions to outdoor SALARIED SALES POSITIONS. We have placed in good posts hundreds of men without past sales experience. Send to-day for your Free Copy of 32-page book, "Salesmanship," to THE WALLACE ATTWOOD COLLEGE, LTD., Dept. 84, Victoria House, Southampton Row, London, W.C.1.

WE HAVE WHAT YOU WANT for a FIRST-CLASS PHARMACY in OAK OR MAHOGANY, suit any size shop; new or reconditioned Fittings at reasonable price. Call or send your requirements. RUDDUCK & CO., 219/227 Old Street, London, E.C.1. Phone Clerkenwell 3782 for FREE Estimate.

£65.—EXCELLENT set of shop-soiled Mahogany Fittings, comprising 10-ft. Drug Fitting, 6-ft. Dispensing Screen, 6-ft. Wall Case, 10-ft. glass-fronted Counter; delivered London or packed free on rail; bargain, cannot be repeated; call or write for sketches, PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. Telephone Clerk. 4111/2. "Pharmacy Fitters for over a Century."

£9—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting, Signs and modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN

2d. per word, minimum 2s. (Box No., 1s. extra.)

WANTED

LARGE Rotary Tablet Machine, Stokes preferred; capable of making tablets 1 in. or larger. Apply 303/956, Office of this Paper.

SECOND-HAND Filling and Closing Machines for Collapsible Tubes, also Mixing and Grinding Mill for Face Cream, Tooth Paste, etc.; must be in good working condition. Reply, stating age, price, and giving general details, 304/990, Office of this Paper.

June, 1937

Read this!

"My advertisement having proved most successful I have no need to repeat same.

I was amazed at the number of offers received and congratulate you on the kindness of your readers and their numbers."

For speedy and adequate results you can always rely on the 'C & D' Supplement

Advertisements are accepted each week up to first post Thursday mornings

Advertisement Tariff is available on application

SEND YOUR INSTRUCTIONS TO THE PUBLISHER

THE CHEMIST & DRUGGIST
28 ESSEX STREET · LONDON, W.C.2

BROMIDES
IODIDES
ALKALOIDS
FINE CHEMICALS
DRUG GRINDING
ESSENTIAL OILS
VERMILION

FLOTATION CHEMICALS ——— DYE-LINE CHEMICALS
CAMPHORSULPHONATES—ATROPINE DERIVATIVES
PHENYLMERCURICS ——— IODOSALICYLATES
BROMINE & IODINE COMPOUNDS

WHIFFEN & SONS Limited

INCORPORATING GEORGE ATKINSON & COMPANY. EST. 1654

Aldersgate Chemical Works, LONDON, S.W.6

Telegrams: Whiffen London

Telephone: Fulham 0037

beach

DISPLAY

this popular
SUN TAN LOTION

This attractive showstand (in eight colours) will be sent to any pharmacist on request.

P.A.T.A. PRICES
(Home Trade)

1/6 size - 12/- per dozen net

2/6 " - 20/- " " "

DISPLAY TERMS—"Thirteen to the dozen" and special prices for quantities.



NON - OILY

A product of THE BRITISH DRUG HOUSES LTD., LONDON, N.I

